

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000256.D
 Acq On : 10 Oct 2019 16:23
 Operator : SY/MD
 Sample : 0.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:33:28 PM

Quant Time: Oct 11 07:16:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 07:12:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	479896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	188920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	189339	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.73	113	152506	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.19	98	571792	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.48	95	196326	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	1427	0.503	ug/l #	47
3) Chloromethane	2.12	50	2657	0.687	ug/l	90
4) Vinyl Chloride	2.25	62	2331	0.584	ug/l #	75
5) Bromomethane	2.65	94	1845	0.733	ug/l	87
6) Chloroethane	2.80	64	1557	0.618	ug/l	98
7) Trichlorofluoromethane	3.13	101	2702	0.524	ug/l	97
8) Diethyl Ether	3.53	74	1496m	0.634	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.91	101	1580	0.525	ug/l #	83
10) Methyl Iodide	4.11	142	1680m	0.378	ug/l	
11) Tert butyl alcohol	4.96	59	9792	4.928	ug/l #	81
12) 1,1-Dichloroethene	3.87	96	1499m	0.479	ug/l	
13) Acrolein	3.73	56	3557	3.410	ug/l	92
14) Allyl chloride	4.49	41	3091	0.587	ug/l #	85
15) Acrylonitrile	5.18	53	9324	2.658	ug/l	97
16) Acetone	3.96	43	9881	3.411	ug/l	95
17) Carbon Disulfide	4.20	76	6102	0.662	ug/l	97
18) Methyl Acetate	4.50	43	4555	0.574	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	6517	0.570	ug/l #	83
20) Methylene Chloride	4.72	84	2726	0.716	ug/l #	62
21) trans-1,2-Dichloroethene	5.22	96	2516	0.715	ug/l #	62
22) Diisopropyl ether	6.11	45	6501m	0.533	ug/l	
23) Vinyl Acetate	6.07	43	26840	2.428	ug/l	99
24) 1,1-Dichloroethane	6.02	63	3595	0.577	ug/l #	70
25) 2-Butanone	7.00	43	16311	3.044	ug/l	95
26) 2,2-Dichloropropane	6.99	77	3452	0.614	ug/l	92
27) cis-1,2-Dichloroethene	7.00	96	2624	0.633	ug/l	98
28) Bromochloromethane	7.34	49	1454	0.710	ug/l #	96
29) Tetrahydrofuran	7.36	42	9655	2.551	ug/l	90
30) Chloroform	7.52	83	4142	0.641	ug/l	88
31) Cyclohexane	7.80	56	8629	1.372	ug/l #	27
32) 1,1,1-Trichloroethane	7.72	97	3437	0.626	ug/l #	50
36) 1,1-Dichloropropene	7.93	75	2885	0.591	ug/l	96
37) Ethyl Acetate	7.10	43	5366	0.608	ug/l #	88
38) Carbon Tetrachloride	7.91	117	2585	0.543	ug/l #	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	3106	0.507	ug/l	88
40) Benzene	8.17	78	8302	0.560	ug/l	96
41) Methacrylonitrile	7.35	41	3146m	0.453	ug/l	
42) 1,2-Dichloroethane	8.25	62	3340	0.694	ug/l	92
43) Isopropyl Acetate	8.28	43	6049	0.532	ug/l #	89
44) Trichloroethene	8.94	130	2512	0.625	ug/l	79
45) 1,2-Dichloropropane	9.22	63	2167	0.584	ug/l #	80
46) Dibromomethane	9.31	93	1565	0.602	ug/l	92
47) Bromodichloromethane	9.50	83	2789	0.548	ug/l #	85
48) Methyl methacrylate	9.30	41	2871	0.560	ug/l	93
49) 1,4-Dioxane	9.32	88	1696	12.883	ug/l #	85
51) 4-Methyl-2-Pentanone	10.08	43	21852	2.559	ug/l	98
52) Toluene	10.25	92	4810	0.506	ug/l	87
53) t-1,3-Dichloropropene	10.47	75	3188	0.552	ug/l #	84
54) cis-1,3-Dichloropropene	9.94	75	3331	0.533	ug/l #	85
55) 1,1,2-Trichloroethane	10.65	97	1961	0.523	ug/l #	52
56) Ethyl methacrylate	10.52	69	2878	0.436	ug/l #	70
57) 1,3-Dichloropropane	10.80	76	3497	0.547	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.78	63	8725	2.968	ug/l	94
59) 2-Hexanone	10.84	43	18827	2.601	ug/l	94
60) Dibromochloromethane	10.99	129	2300	0.581	ug/l	97
61) 1,2-Dibromoethane	11.10	107	2086	0.524	ug/l #	80
64) Tetrachloroethene	10.72	164	2392	0.627	ug/l	86
65) Chlorobenzene	11.52	112	5372	0.555	ug/l #	78
66) 1,1,1,2-Tetrachloroethane	11.60	131	1990	0.575	ug/l #	58
67) Ethyl Benzene	11.60	91	9625	0.557	ug/l	91
68) m/p-Xylenes	11.70	106	6884	1.043	ug/l	94
69) o-Xylene	12.03	106	3521	0.554	ug/l	97
70) Styrene	12.05	104	5461	0.499	ug/l	92
71) Bromoform	12.20	173	1307	0.458	ug/l #	96
73) Isopropylbenzene	12.33	105	8591	0.537	ug/l	93
74) N-amyl acetate	12.14	43	2947	0.387	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.58	83	2905	0.532	ug/l	95
76) 1,2,3-Trichloropropane	12.64	75	3028m	0.607	ug/l	
77) Bromobenzene	12.61	156	2203	0.587	ug/l	90
78) n-propylbenzene	12.67	91	10139	0.542	ug/l	98
79) 2-Chlorotoluene	12.76	91	6471	0.601	ug/l	91
80) 1,3,5-Trimethylbenzene	12.81	105	7634	0.571	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	1115m	0.461	ug/l	
82) 4-Chlorotoluene	12.86	91	6635	0.608	ug/l	93
83) tert-Butylbenzene	13.08	119	6453	0.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	6846	0.513	ug/l	94
85) sec-Butylbenzene	13.25	105	8270	0.517	ug/l	99
86) p-Isopropyltoluene	13.37	119	7358	0.523	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	4278	0.629	ug/l	86
88) 1,4-Dichlorobenzene	13.45	146	4620m	0.652	ug/l	
89) n-Butylbenzene	13.70	91	6845	0.516	ug/l	98
90) Hexachloroethane	13.96	117	1430	0.537	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	3655	0.531	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.36	75	928	0.544	ug/l	98

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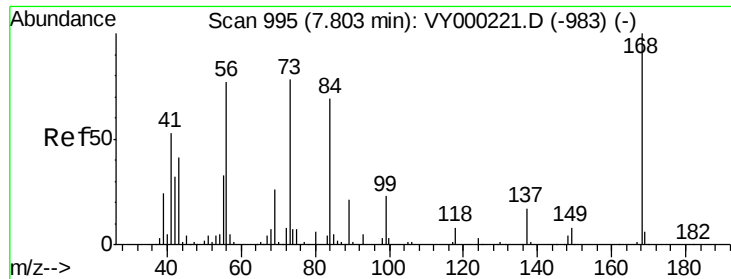
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	3351	0.717	ug/l	92
94) Hexachlorobutadiene	15.11	225	1249	0.559	ug/l	82
95) Naphthalene	15.23	128	11161	0.635	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.42	180	3197	0.711	ug/l	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion:168 Resp: 284385

Ion Ratio Lower Upper

168 100

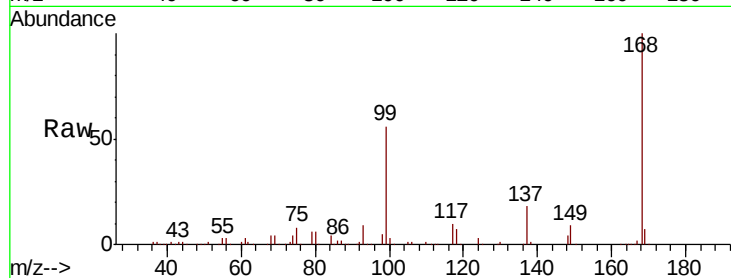
99 55.8 45.0 67.6

Manual Integrations

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10/14/2019 1:33:28 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

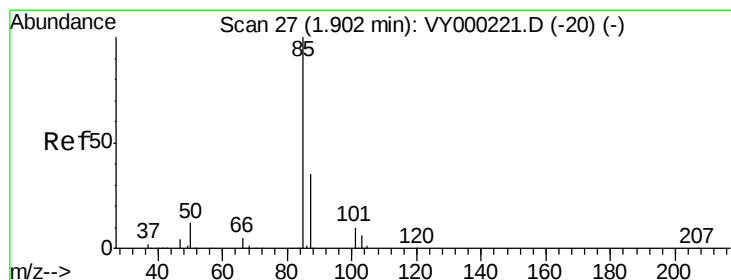
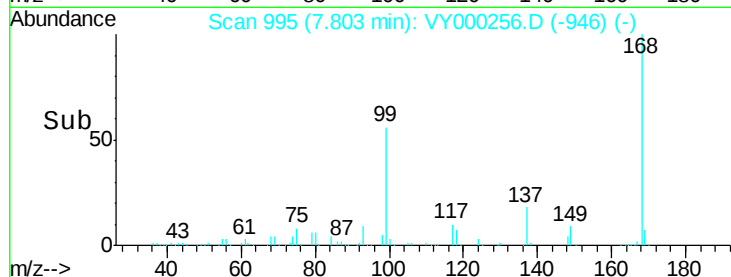
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.503 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000256.D

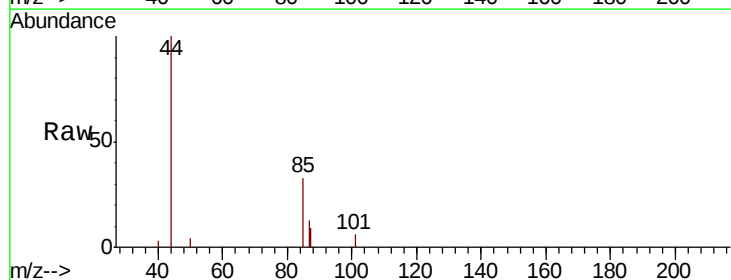
Acq: 10 Oct 2019 16:23

Tgt Ion: 85 Resp: 1427

Ion Ratio Lower Upper

85 100

87 65.2 17.4 52.2#



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

1000

800

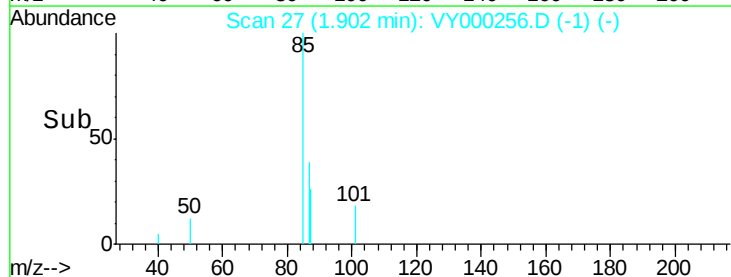
600

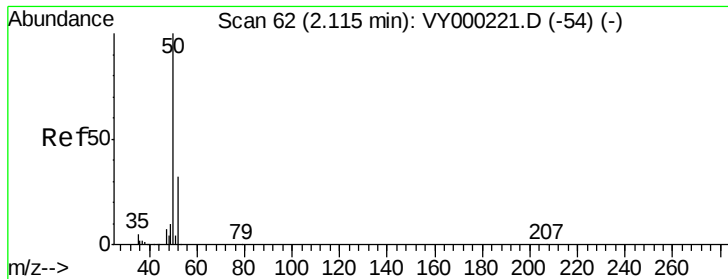
400

200

0

Time-->





#3

Chloromethane

Concen: 0.687 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 50 Resp: 2657

Ion Ratio Lower Upper

50 100

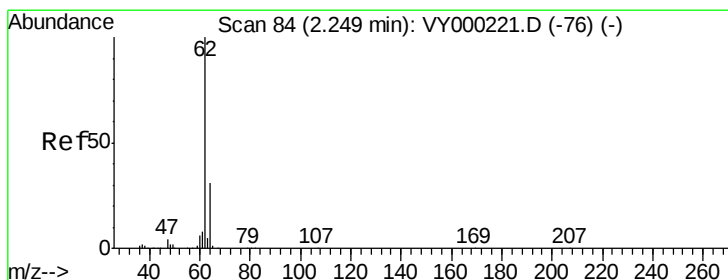
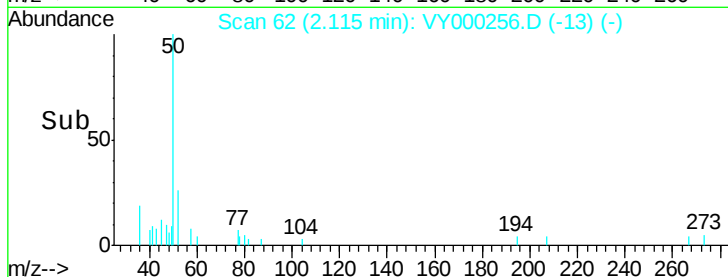
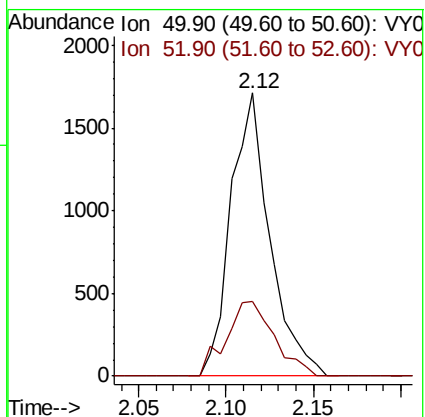
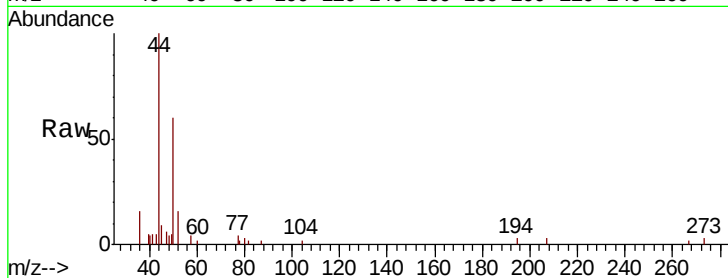
52 26.3 25.4 38.0

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#4

Vinyl Chloride

Concen: 0.584 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000256.D

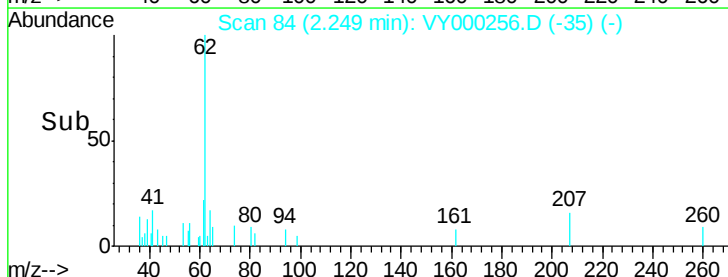
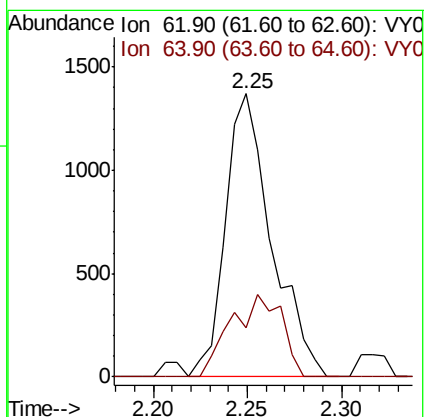
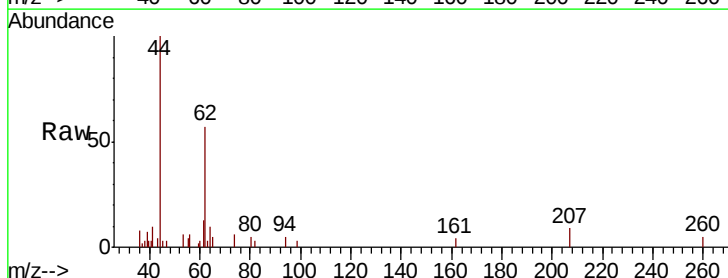
Acq: 10 Oct 2019 16:23

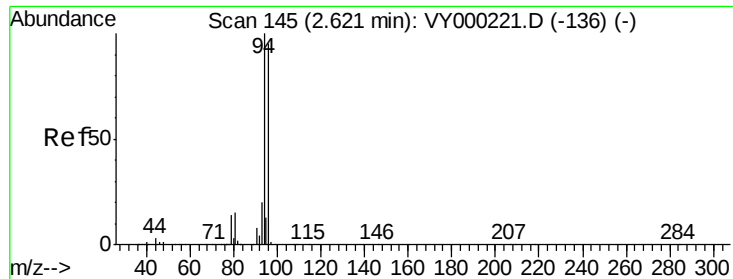
Tgt Ion: 62 Resp: 2331

Ion Ratio Lower Upper

62 100

64 17.2 25.0 37.6#





#5

Bromomethane

Concen: 0.733 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.03 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 94 Resp: 1845

Ion Ratio Lower Upper

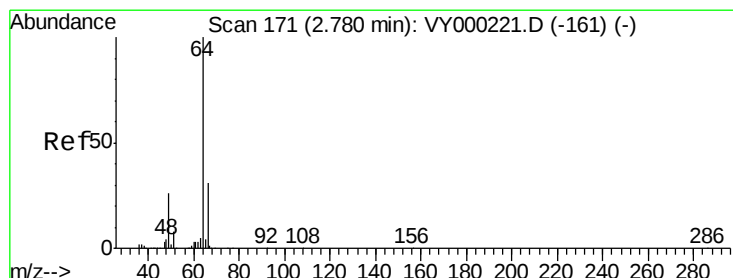
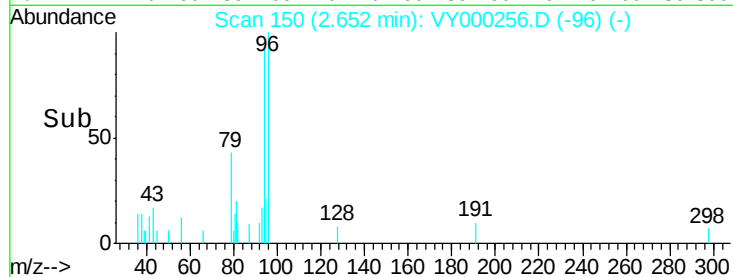
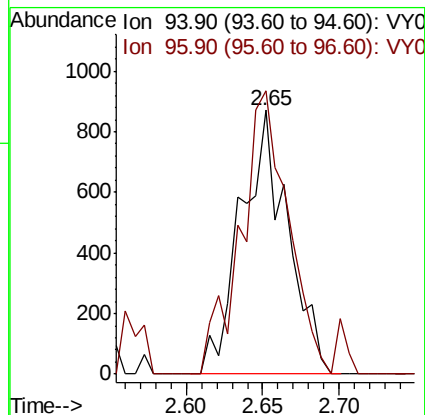
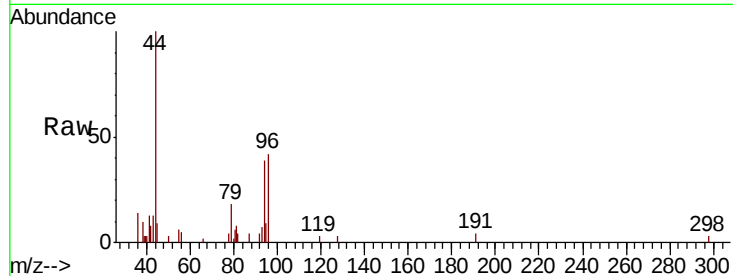
94 100

96 107.2 75.7 113.5

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10/14/2019 1:33:28 PM



#6

Chloroethane

Concen: 0.618 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.02 min

Lab File: VY000256.D

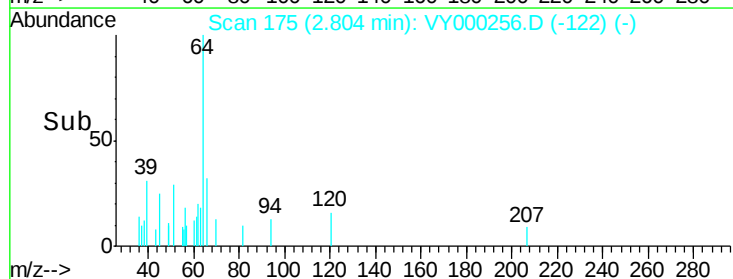
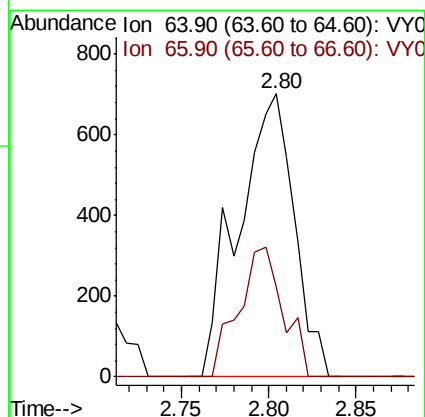
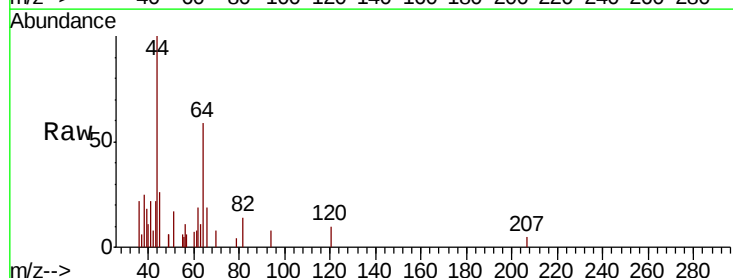
Acq: 10 Oct 2019 16:23

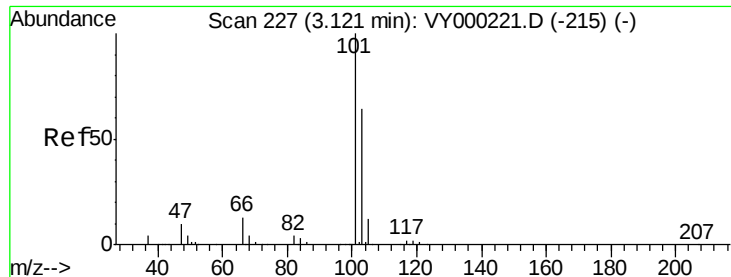
Tgt Ion: 64 Resp: 1557

Ion Ratio Lower Upper

64 100

66 31.9 24.5 36.7





#7

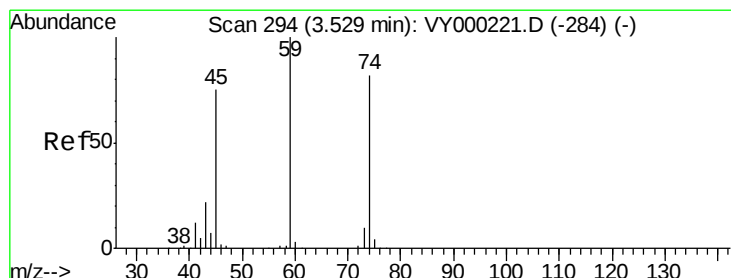
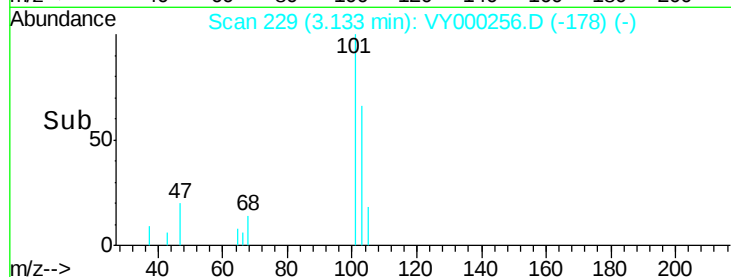
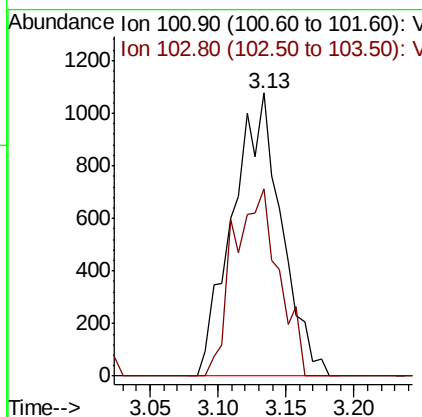
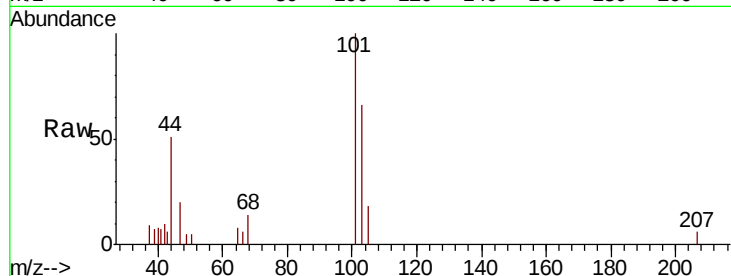
Trichlorofluoromethane
 Concen: 0.524 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Instrument :
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 0.5PPBMDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		2702		
103	66.3	51.0	76.6		

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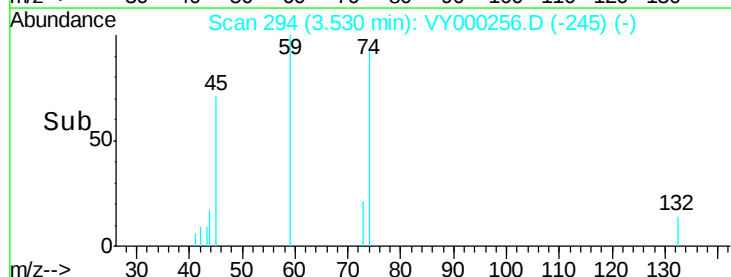
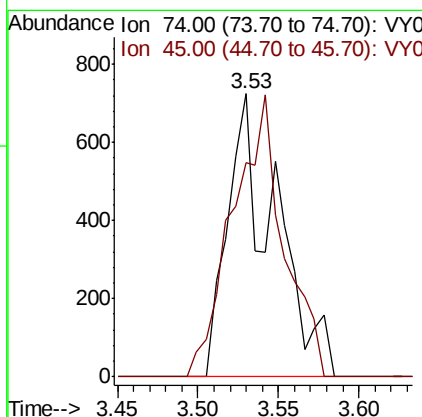
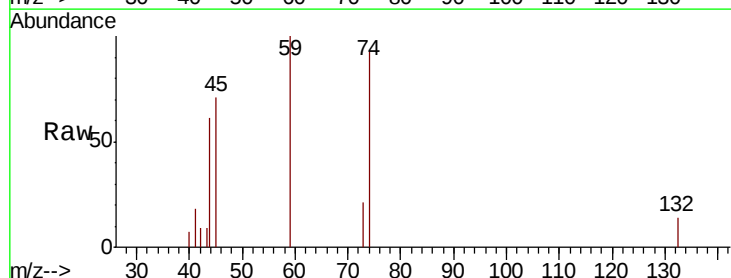
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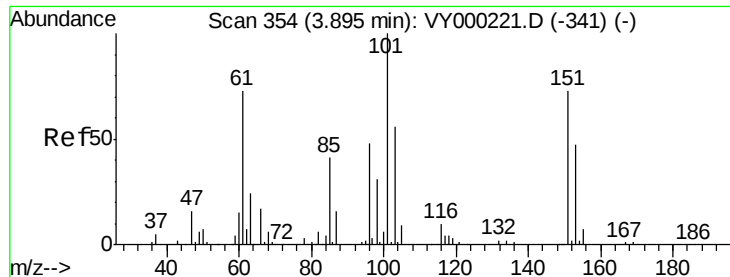


#8

Diethyl Ether
 Concen: 0.634 ug/l m
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		1496		
45	0.0	45.8	137.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.525 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

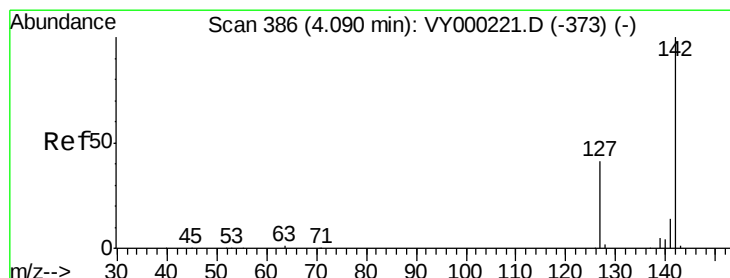
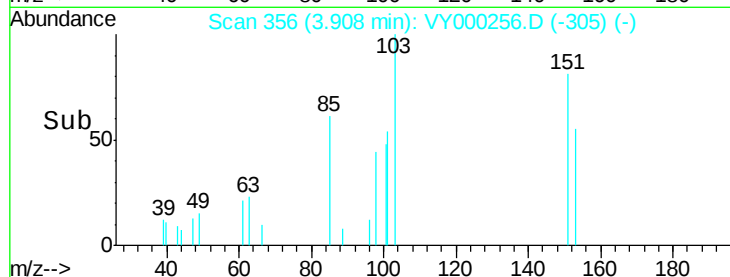
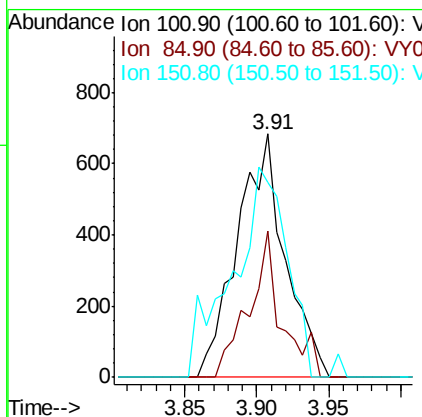
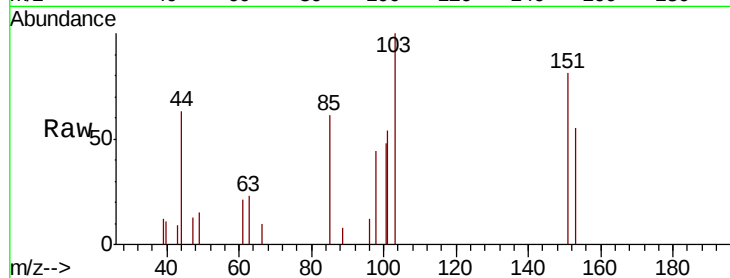
ClientSampleId :

0.5PPBMDL

Tot Ion:	101	Resp:	1580
Ion Ratio	Lower	Upper	
101	100		
85	40.8	37.0	55.6
151	97.8	63.0	94.4#

Manual Integrations
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#10

Methyl Iodide

Concen: 0.378 ug/l m

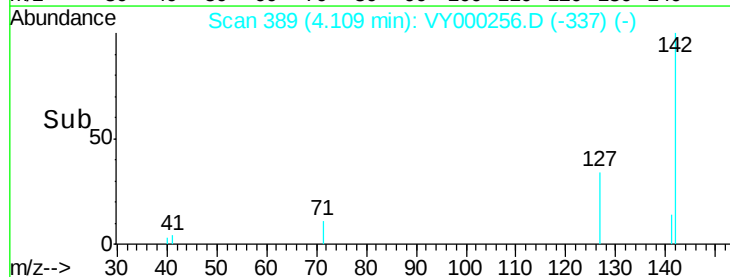
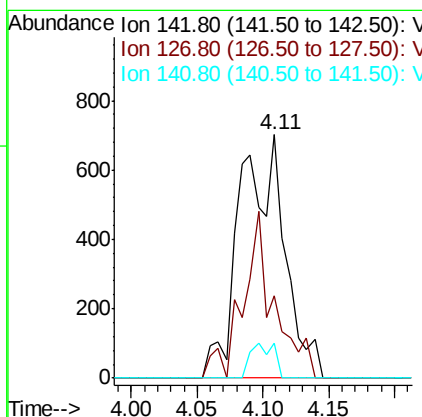
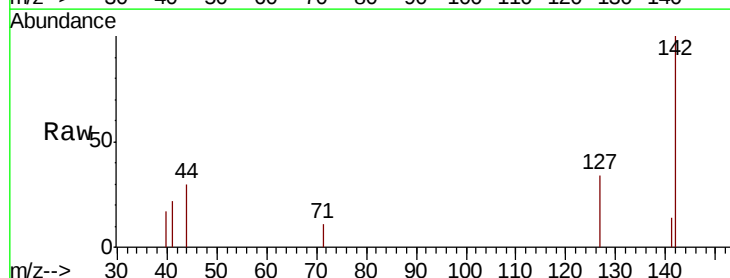
RT: 4.11 min Scan# 389

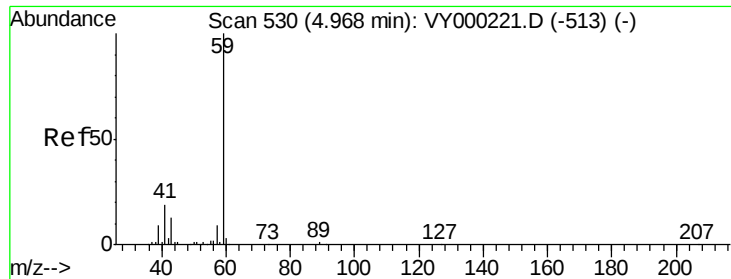
Delta R.T. 0.02 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion:	142	Resp:	1680
Ion Ratio	Lower	Upper	
142	100		
127	47.3	33.0	49.6
141	7.5	11.0	16.4#





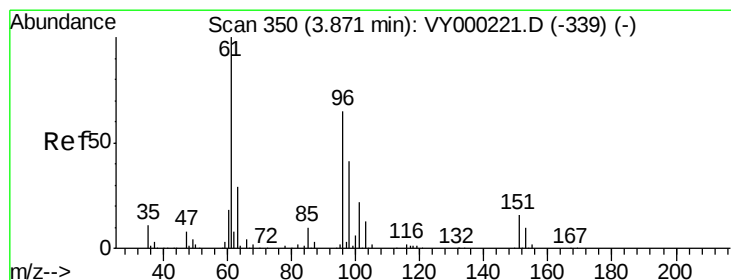
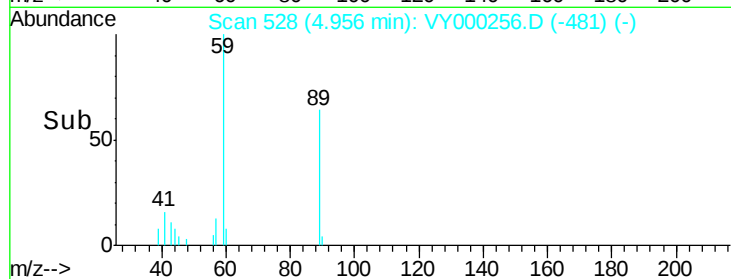
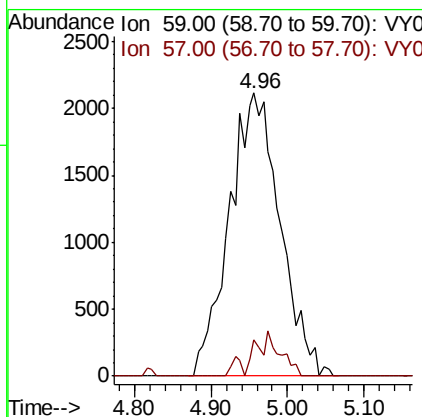
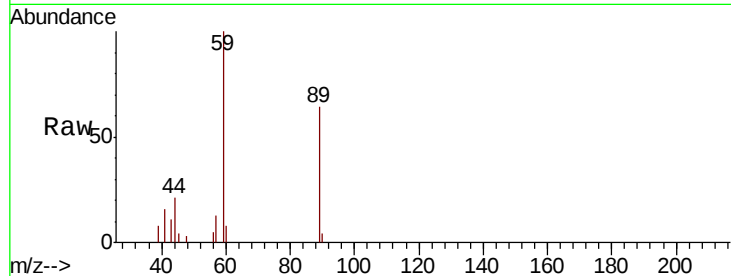
#11
Tert butyl alcohol
Concen: 4.928 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 59 Resp: 9792
Ion Ratio Lower Upper
59 100
57 2.9 8.0 12.0#

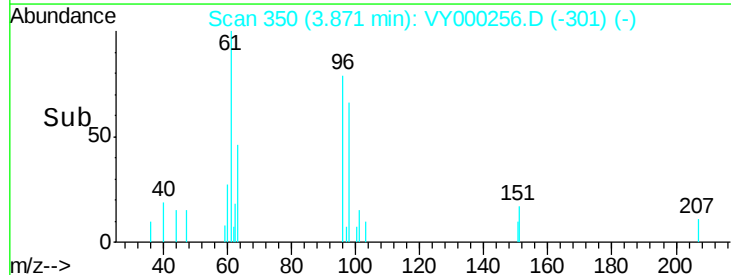
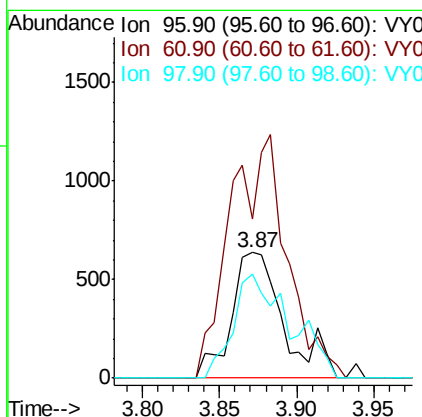
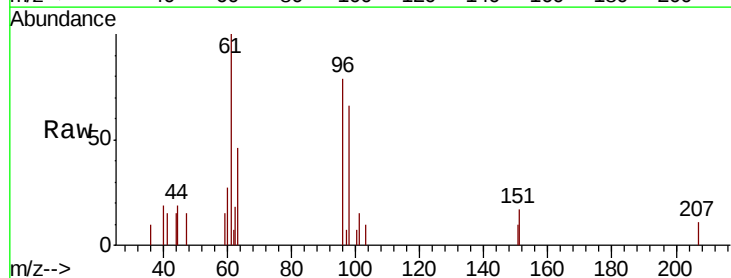
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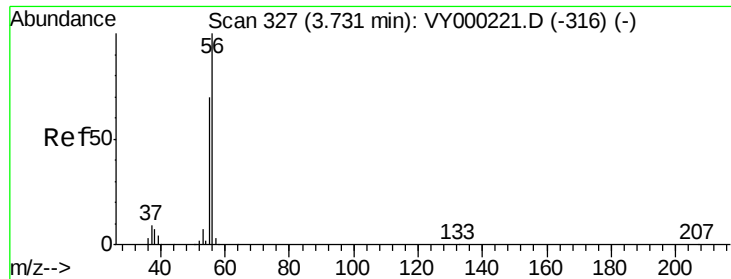
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#12
1,1-Dichloroethene
Concen: 0.479 ug/l m
RT: 3.87 min Scan# 350
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 96 Resp: 1499
Ion Ratio Lower Upper
96 100
61 126.5 123.8 185.8
98 83.0 50.9 76.3#





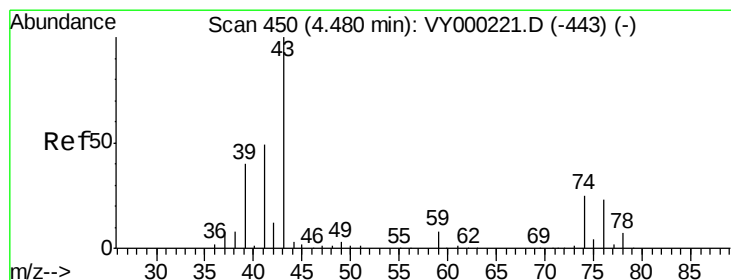
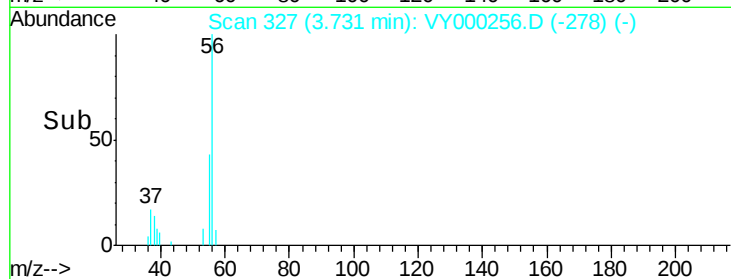
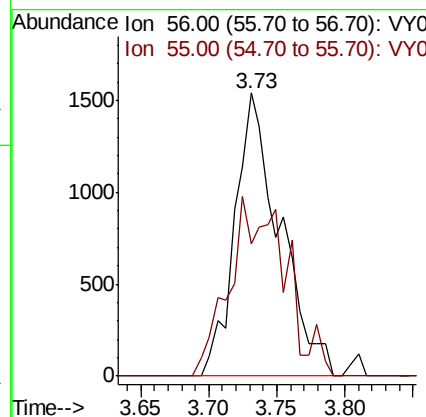
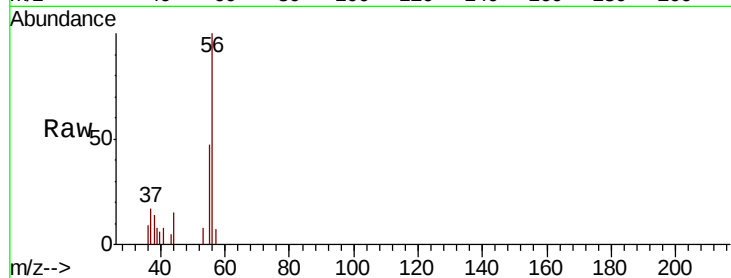
#13
Acrolein
Concen: 3.410 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
56	100		
55	75.3	55.2	82.8

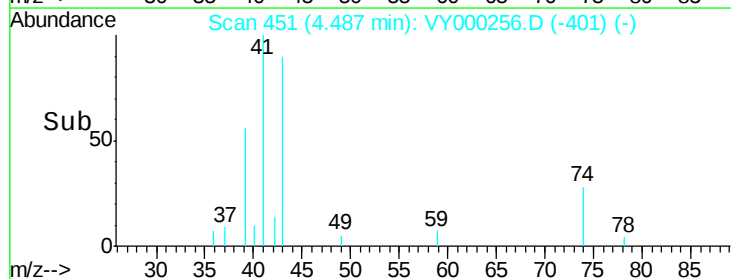
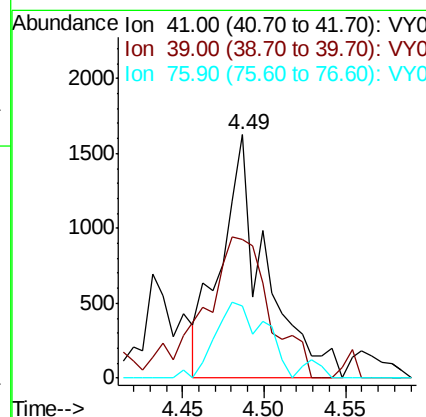
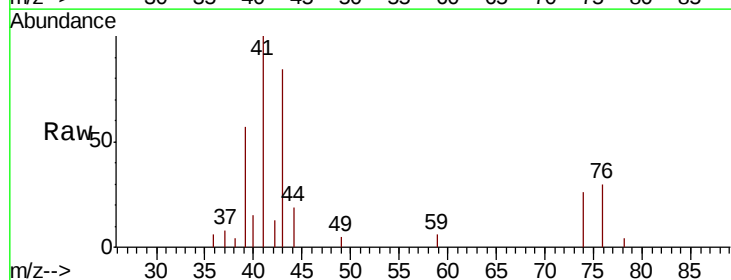
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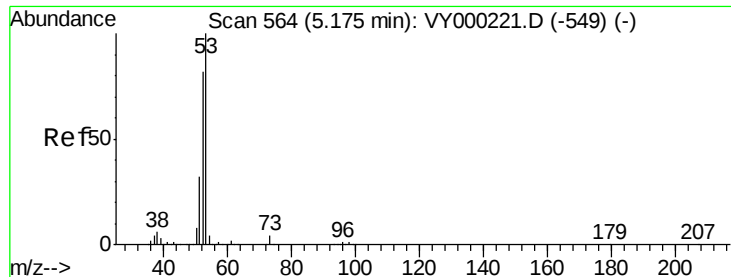
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#14
Allyl chloride
Concen: 0.587 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
41	100		
39	86.2	56.4	84.6#
76	34.7	30.8	46.2





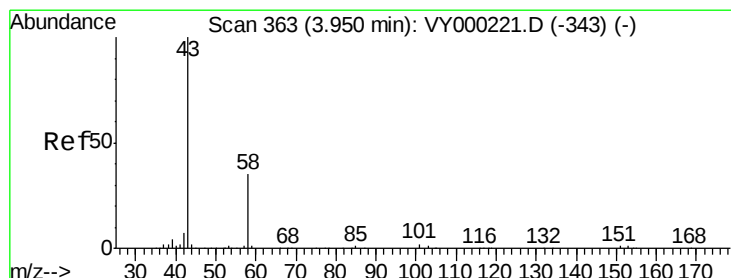
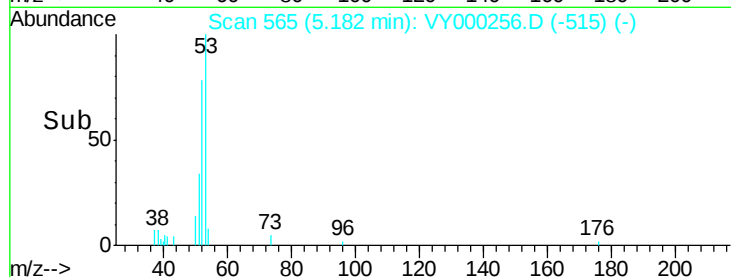
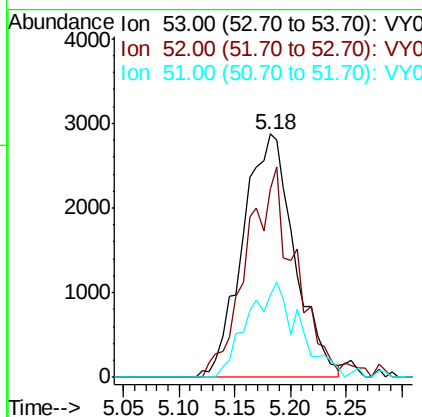
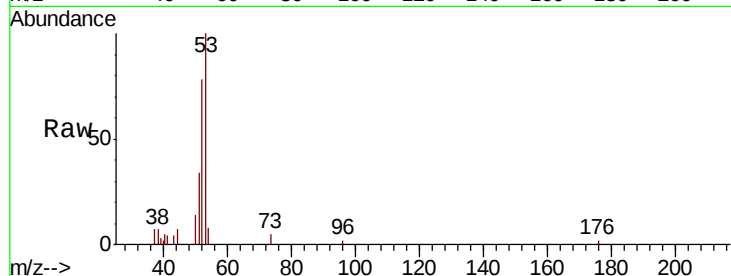
#15
Acrylonitrile
Concen: 2.658 ug/l
RT: 5.18 min Scan# 565
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion:	53	Resp:	9324
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.4	98.2
51	38.3	27.2	40.8

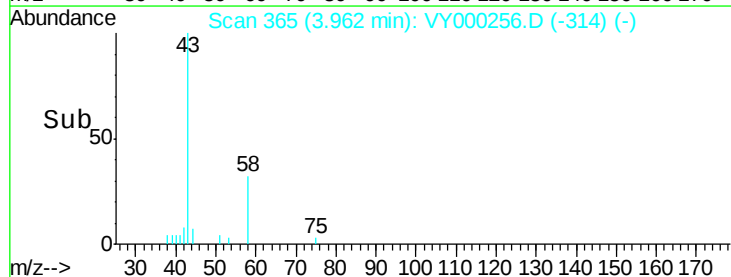
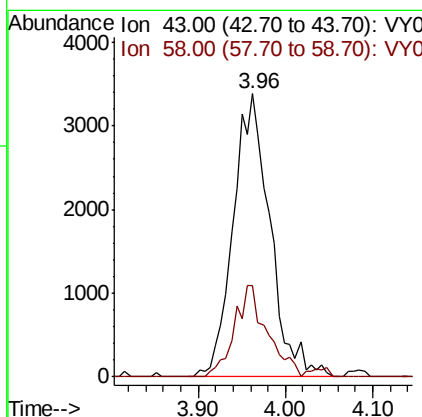
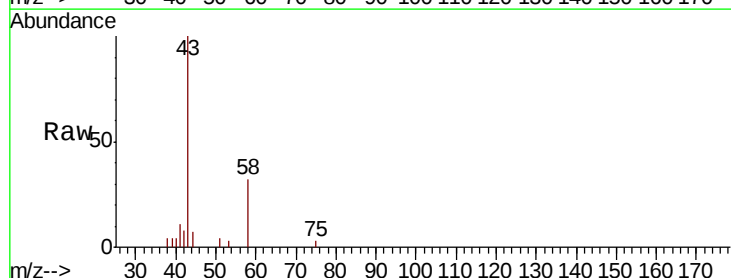
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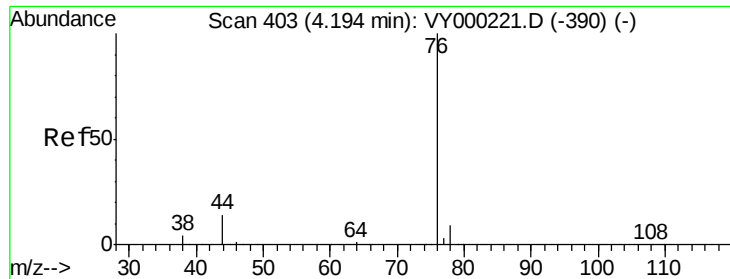
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#16
Acetone
Concen: 3.411 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion:	43	Resp:	9881
Ion	Ratio	Lower	Upper
43	100		
58	32.1	28.2	42.4





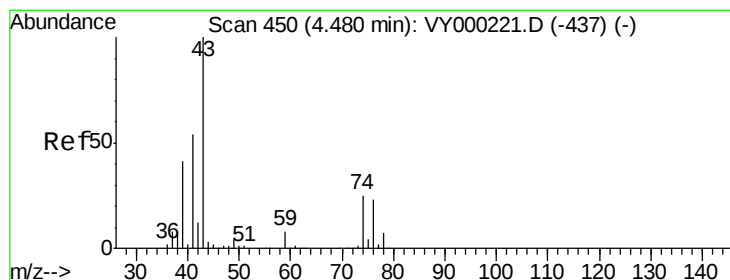
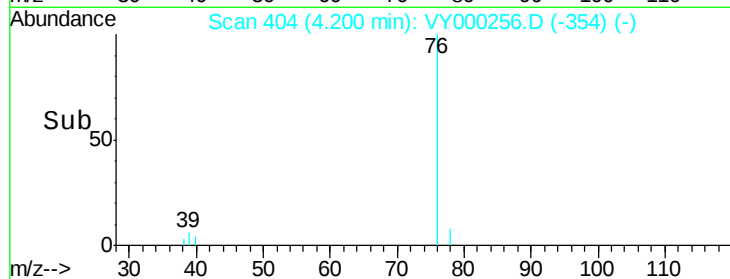
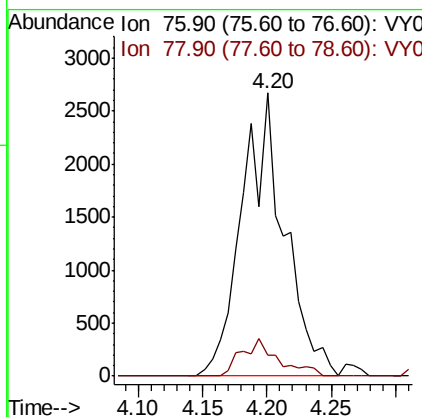
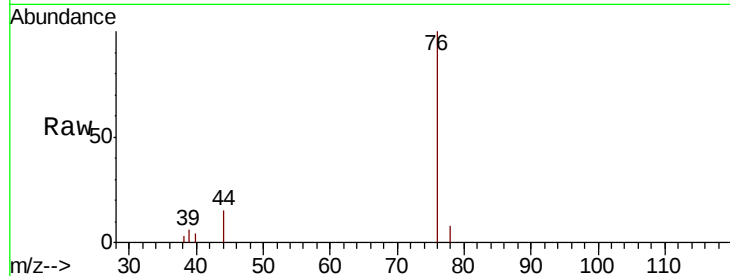
#17
Carbon Disulfide
Concen: 0.662 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.0	10.6

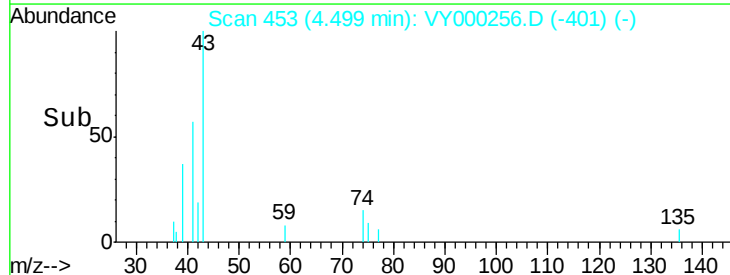
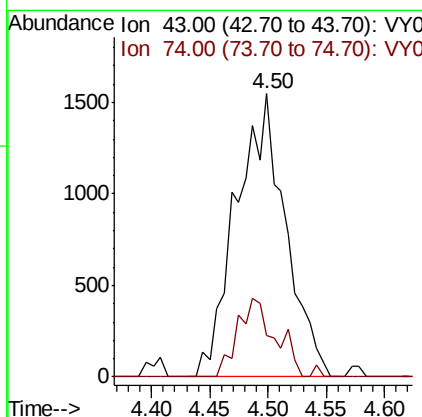
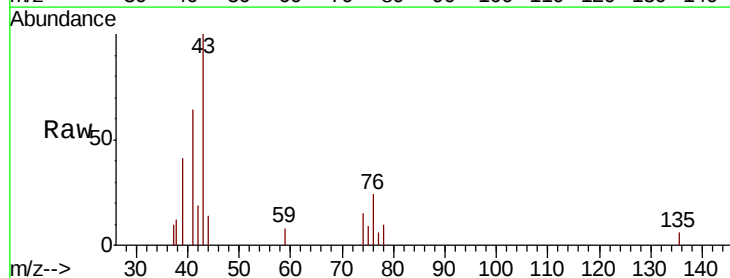
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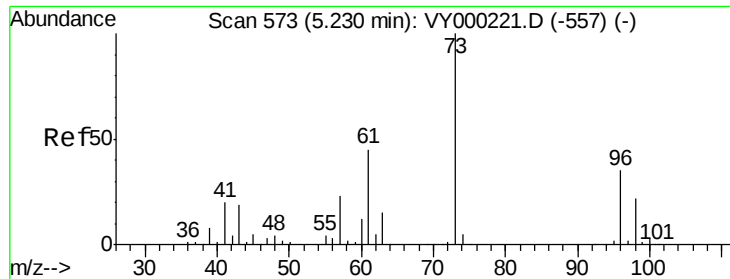
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10/14/2019 1:33:28 PM



#18
Methyl Acetate
Concen: 0.574 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.02 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	19.1	28.7





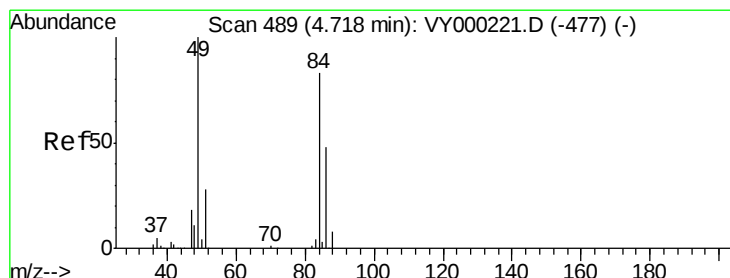
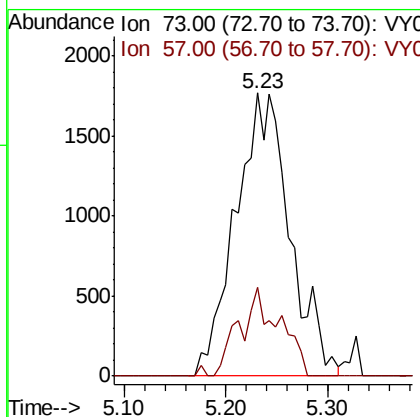
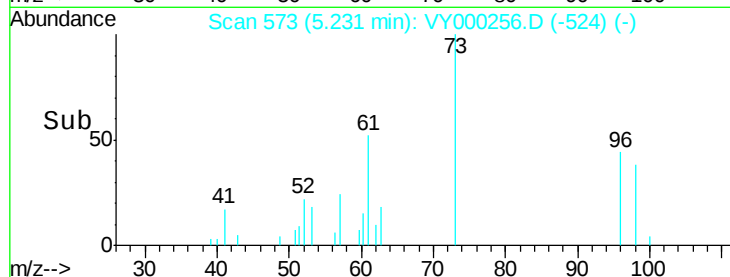
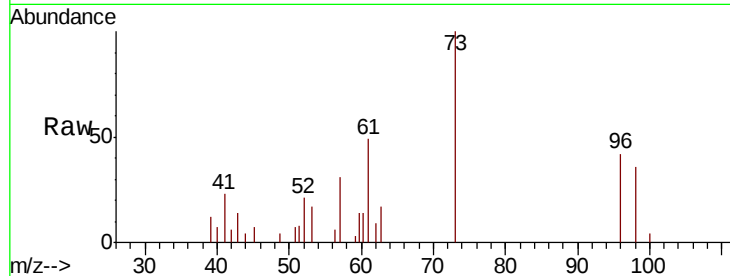
#19
Methvl tert-butvl Ether
Concen: 0.570 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 73 Resp: 6517
Ion Ratio Lower Upper
73 100
57 31.2 18.4 27.6#

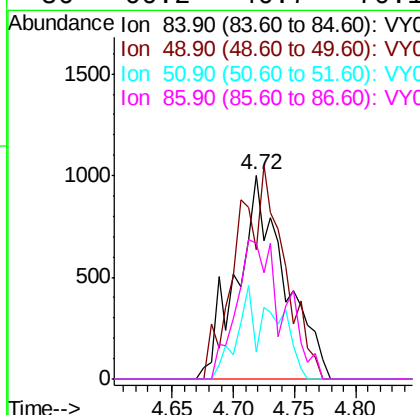
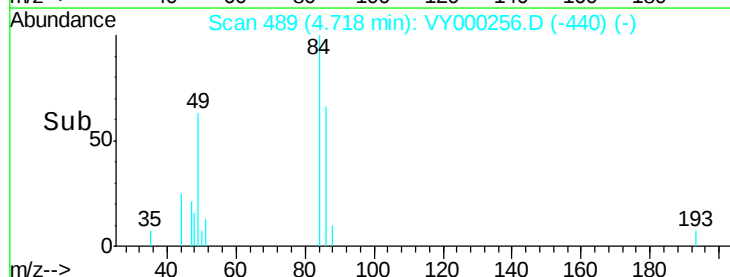
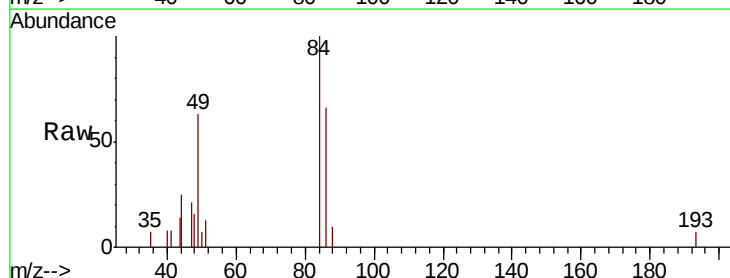
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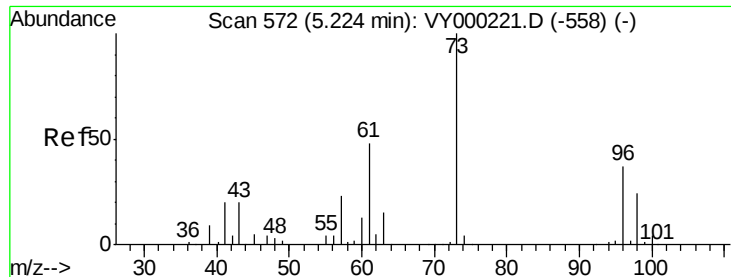
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10/14/2019 1:33:28 PM



#20
Methylene Chloride
Concen: 0.716 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 84 Resp: 2726
Ion Ratio Lower Upper
84 100
49 63.2 96.2 144.2#
51 13.1 26.6 39.8#
86 66.2 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 0.715 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

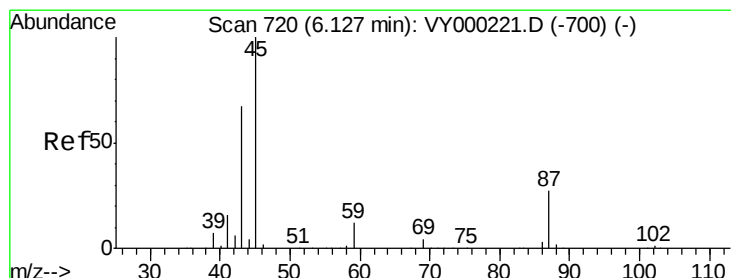
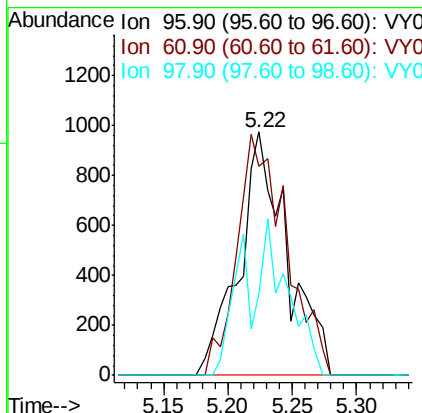
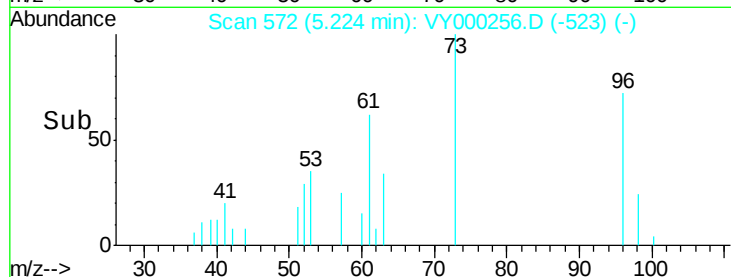
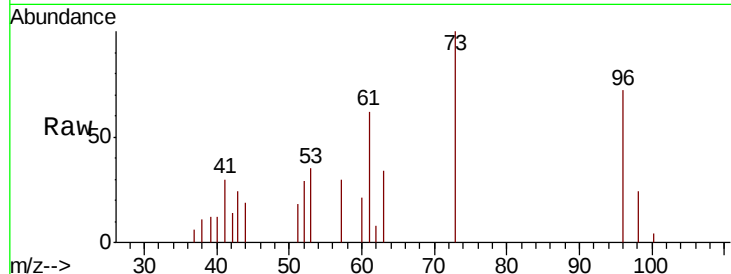
ClientSampleId :

0.5PPBMDL

Tot Ion:	96	Resp:	2516
Ion	Ratio	Lower	Upper
96	100		
61	86.1	104.2	156.2#
98	33.3	51.0	76.6#

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#22

Diisopropyl ether

Concen: 0.533 ug/l m

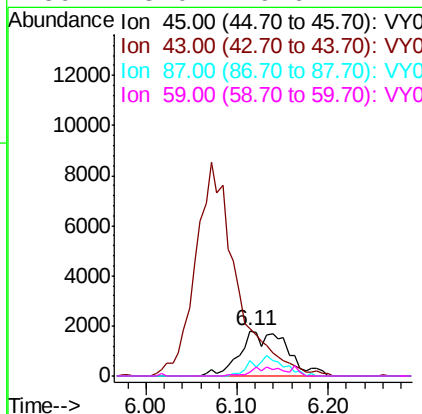
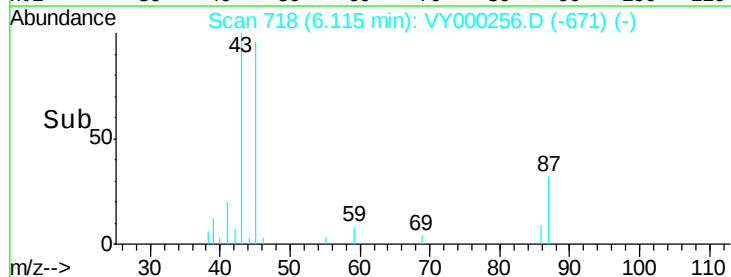
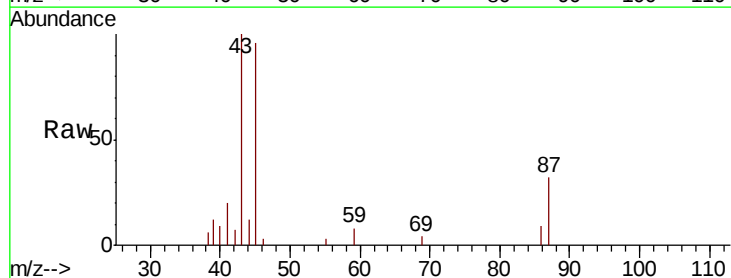
RT: 6.11 min Scan# 718

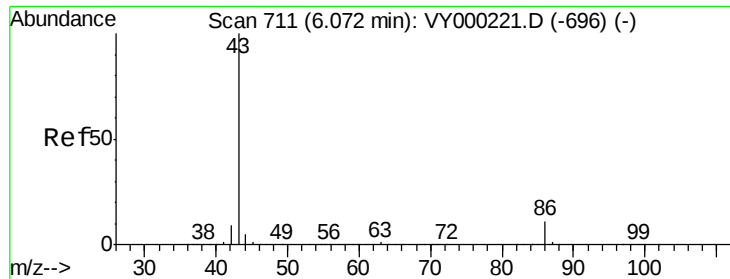
Delta R.T. -0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion:	45	Resp:	6501
Ion	Ratio	Lower	Upper
45	100		
43	104.0	53.4	80.2#
87	33.2	21.7	32.5#
59	8.0	9.6	14.4#





#23

Vinyl Acetate

Concen: 2.428 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 43 Resp: 26840

Ion Ratio Lower Upper

43 100

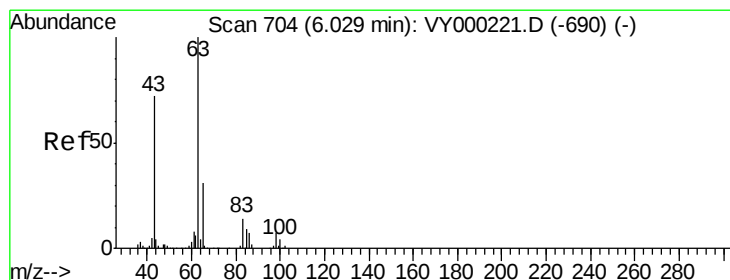
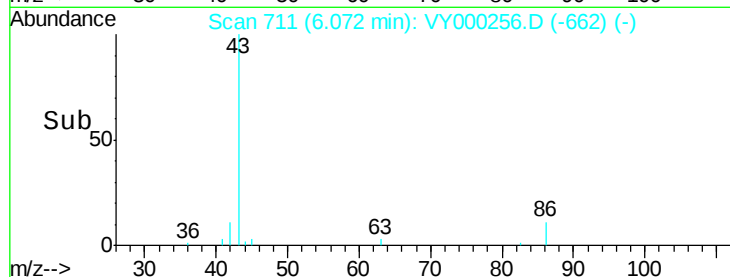
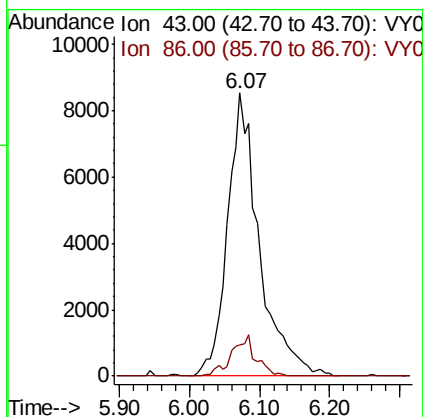
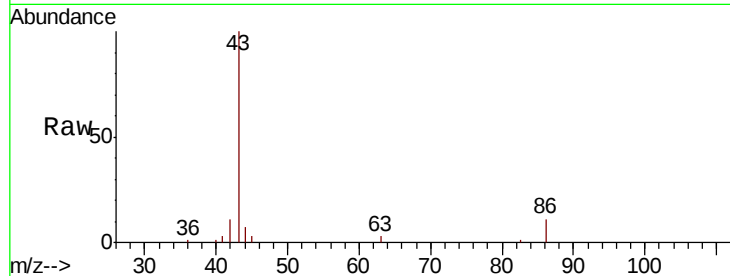
86 11.2 8.5 12.7

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10/14/2019 1:33:28 PM



#24

1,1-Dichloroethane

Concen: 0.577 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

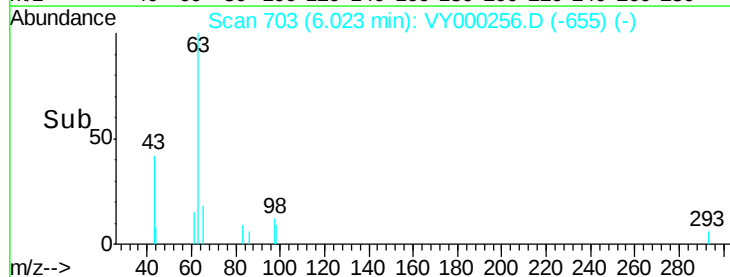
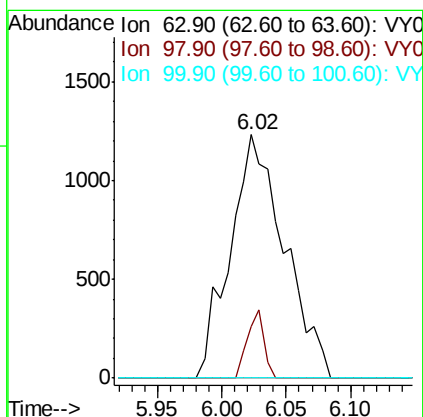
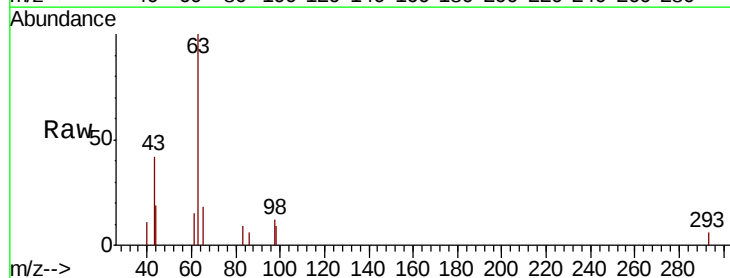
Tgt Ion: 63 Resp: 3595

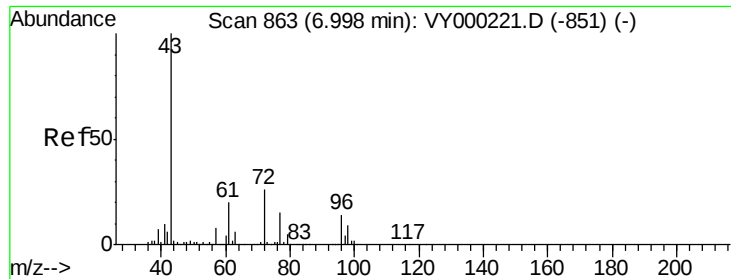
Ion Ratio Lower Upper

63 100

98 20.9 3.5 10.6#

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 3.044 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 43 Resp: 16311

Ion Ratio Lower Upper

43 100

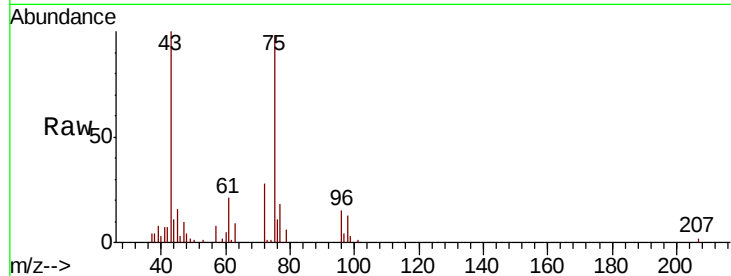
72 28.2 20.6 31.0

Manual Integrations

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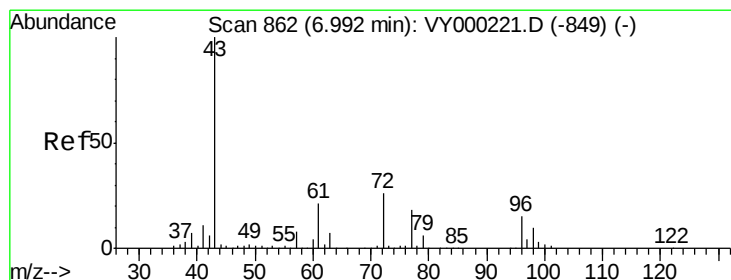
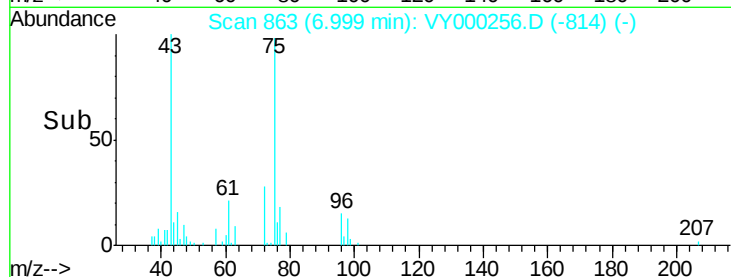
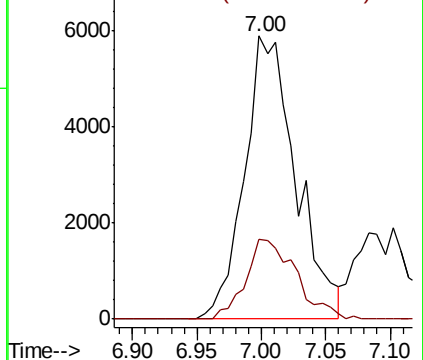
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 0.614 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000256.D

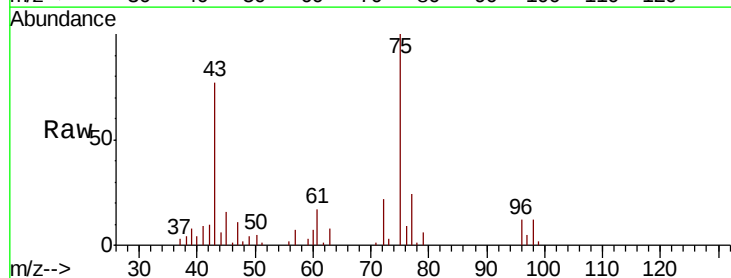
Acq: 10 Oct 2019 16:23

Tgt Ion: 77 Resp: 3452

Ion Ratio Lower Upper

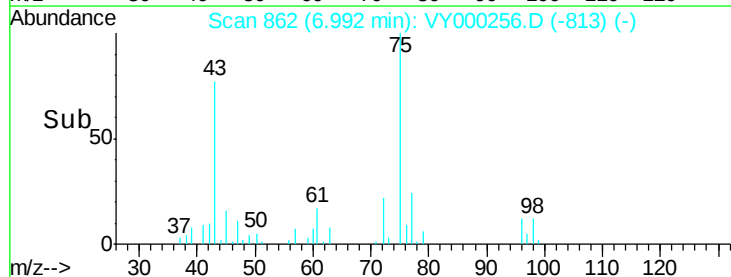
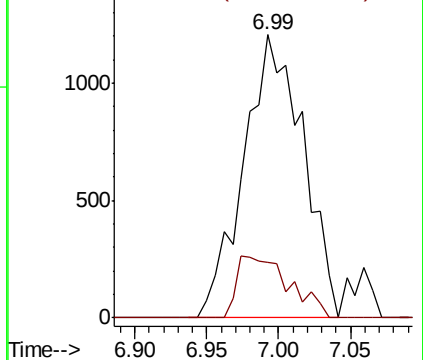
77 100

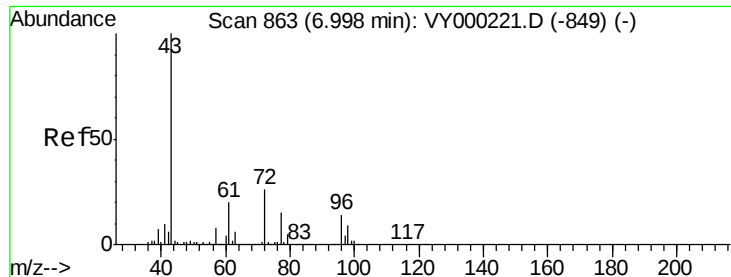
97 19.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

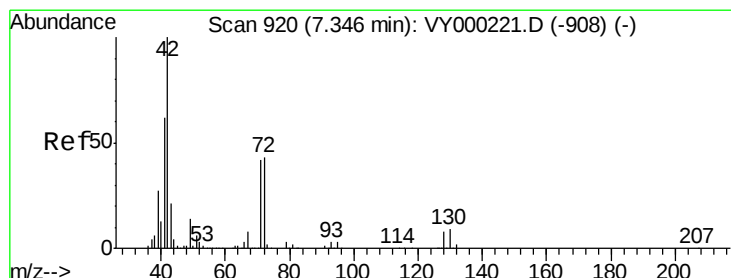
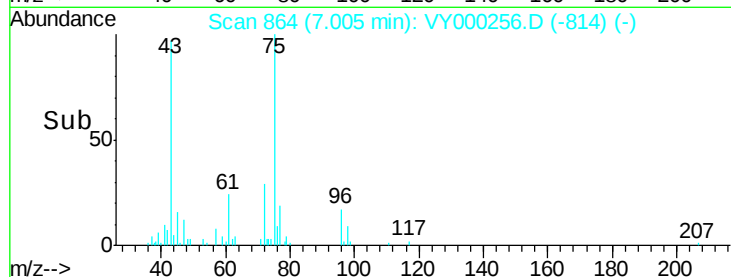
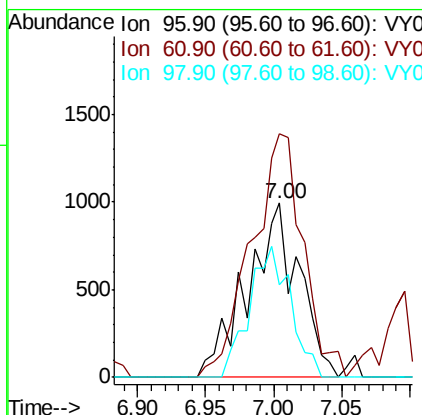
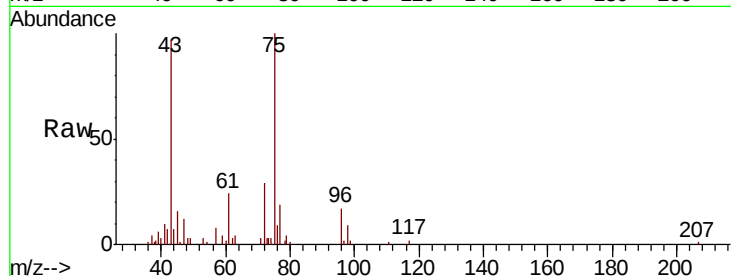
cis-1,2-Dichloroethene
Concen: 0.633 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	282.6
98	60.3	0.0	129.8

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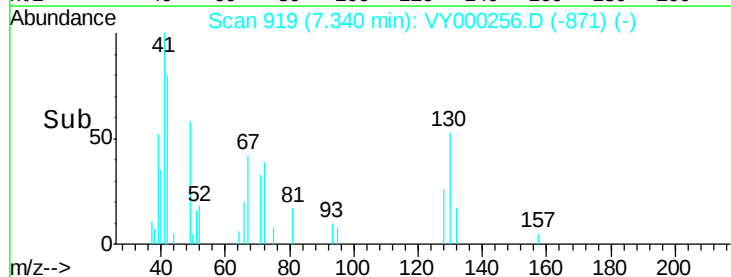
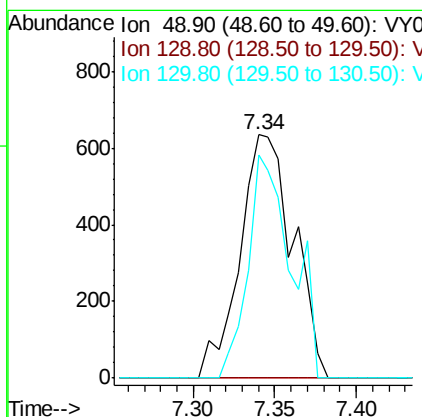
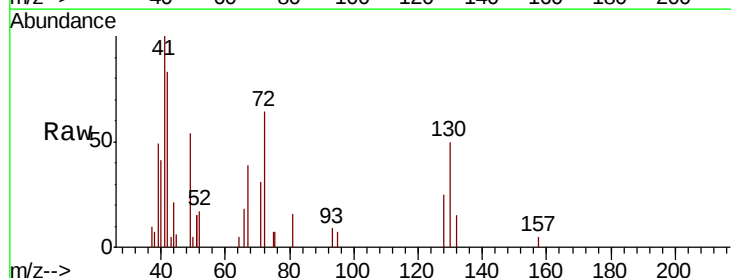
MMDadoda
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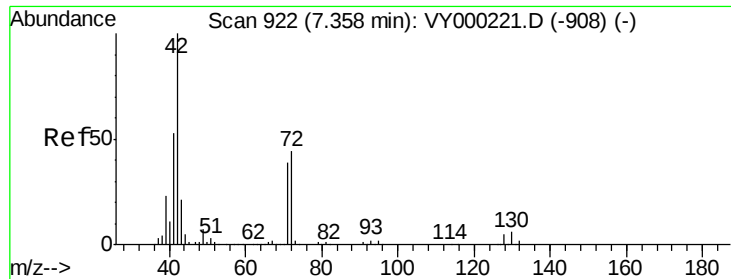


#28

Bromochloromethane
Concen: 0.710 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	74.3	56.5	84.7





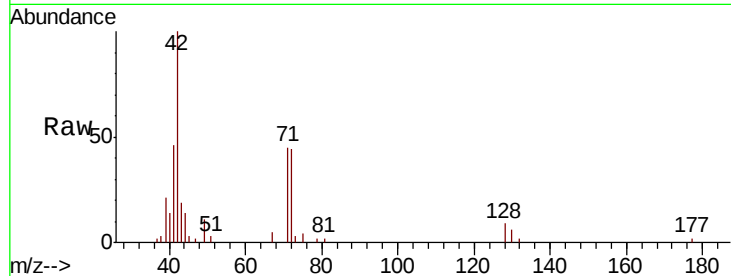
#29
Tetrahydrofuran
Concen: 2.551 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleID :
0.5PPBMDL

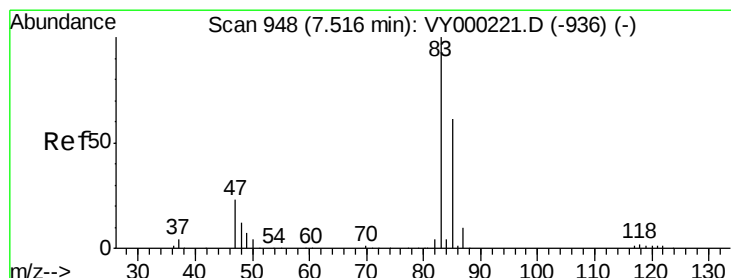
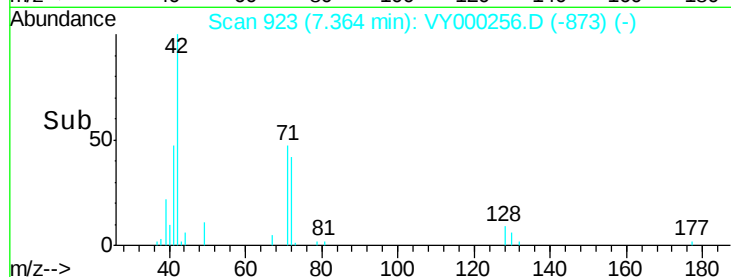
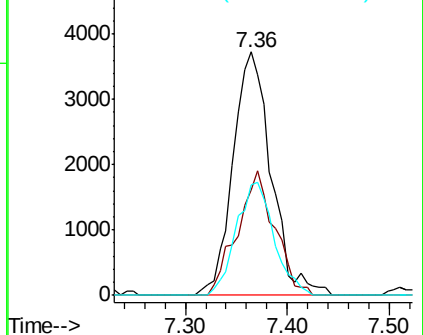
Tot Ion	Ratio	Lower	Upper
42	100		
72	50.3	34.6	51.8
71	45.9	31.9	47.9

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10/14/2019 1:33:28 PM

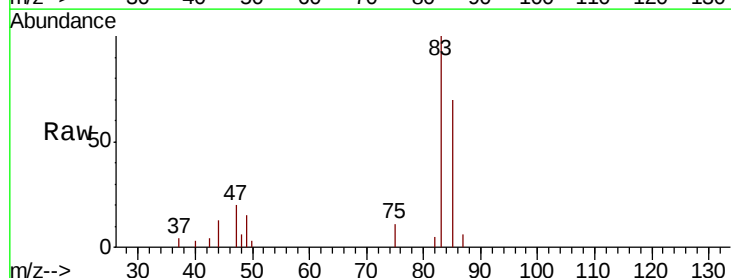


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

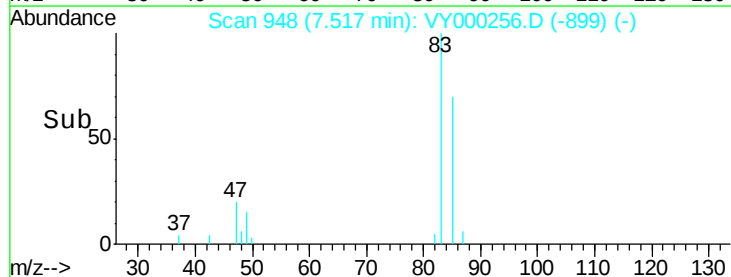
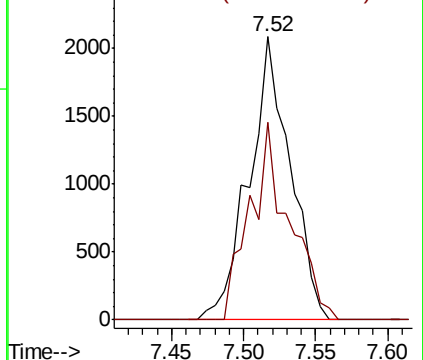


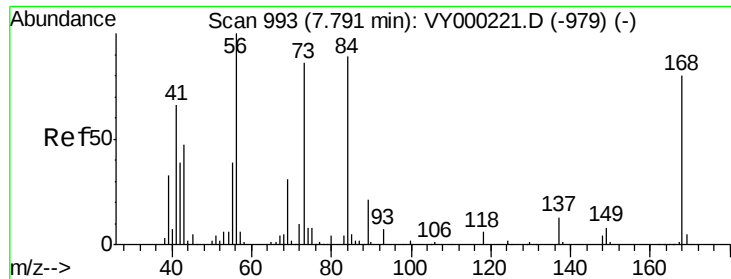
#30
Chloroform
Concen: 0.641 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.9	48.9	73.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





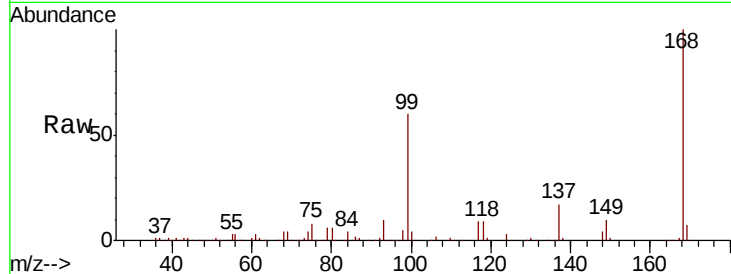
#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

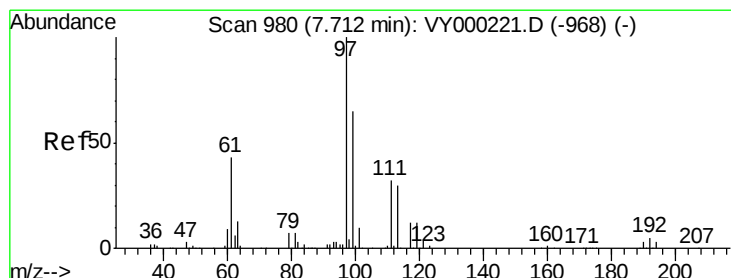
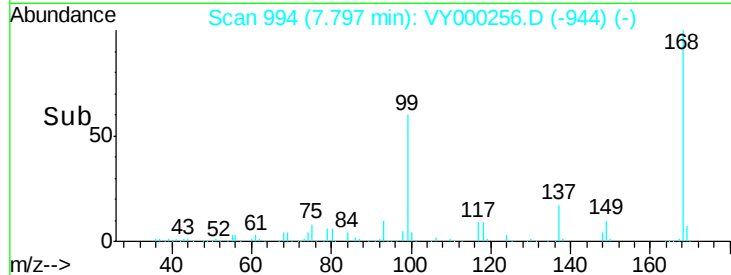
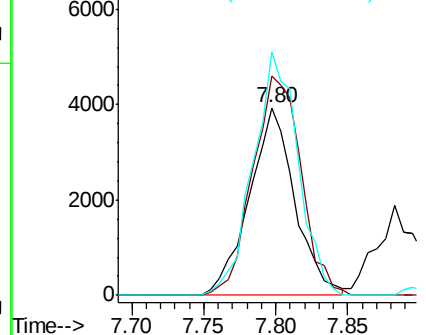
Tot Ion	Ratio	Lower	Upper
56	100		
69	116.8	24.7	37.1#
84	129.8	71.3	106.9#

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10/14/2019 1:33:28 PM

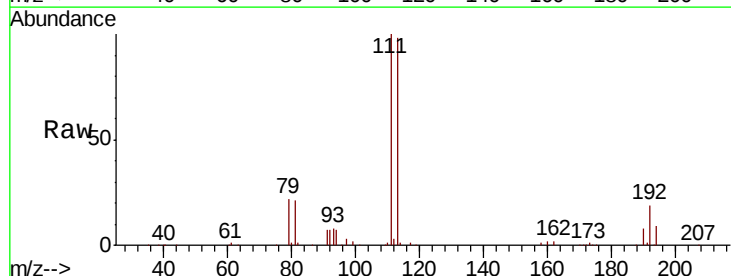


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

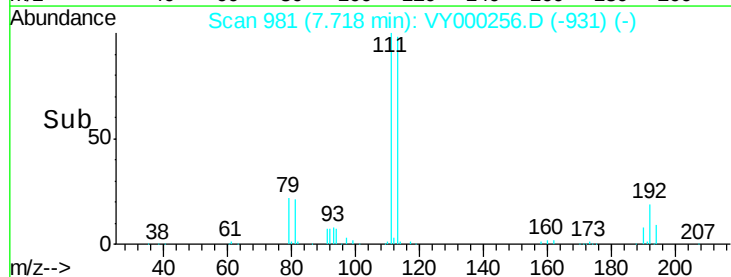
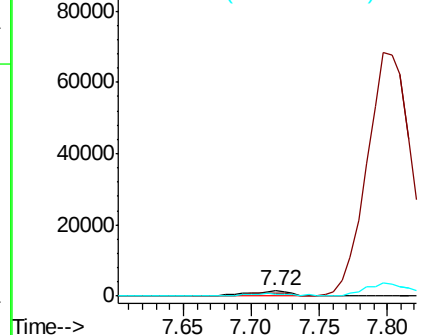


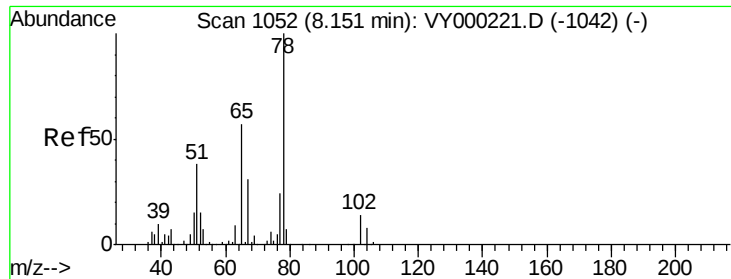
#32
1,1,1-Trichloroethane
Concen: 0.626 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.2#
61	44.8	34.2	51.4



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 51.765 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 65 Resp: 189339

Ion Ratio Lower Upper

65 100

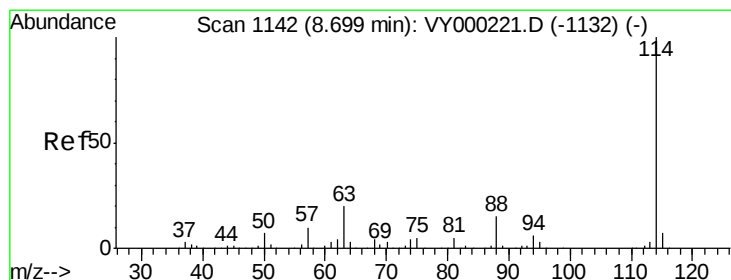
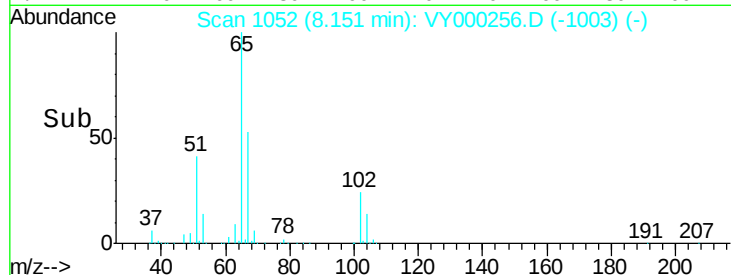
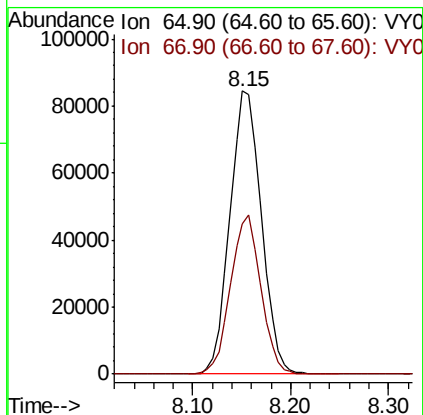
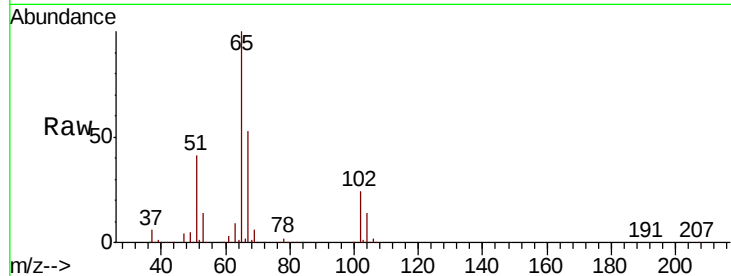
67 53.9 0.0 109.0

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10/14/2019 1:33:28 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

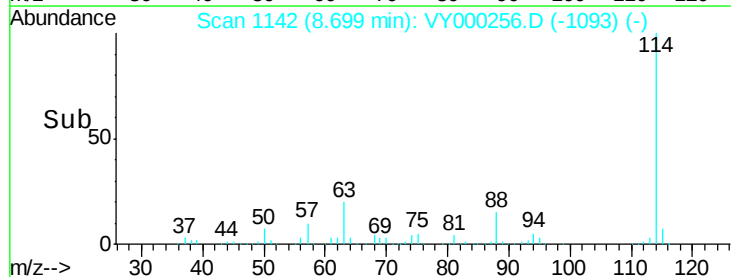
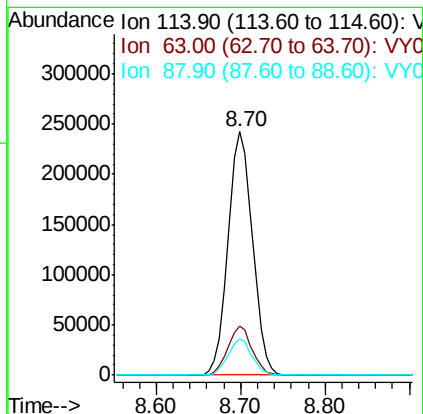
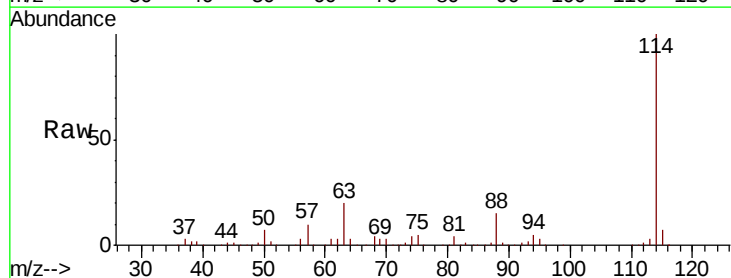
Tgt Ion: 114 Resp: 479896

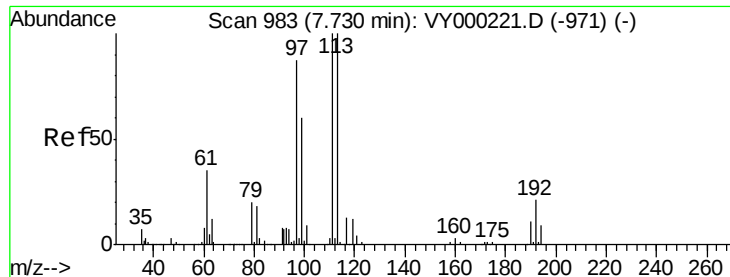
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 15.1 0.0 30.6





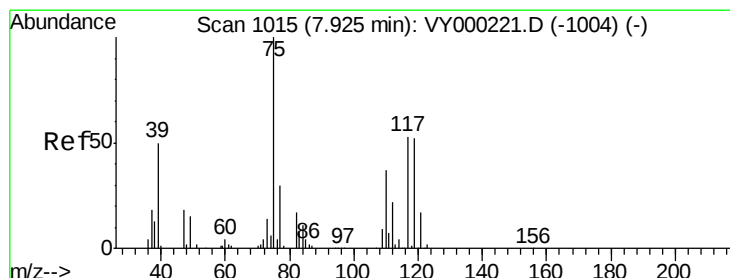
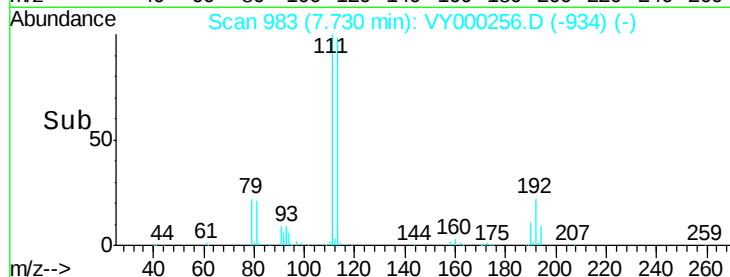
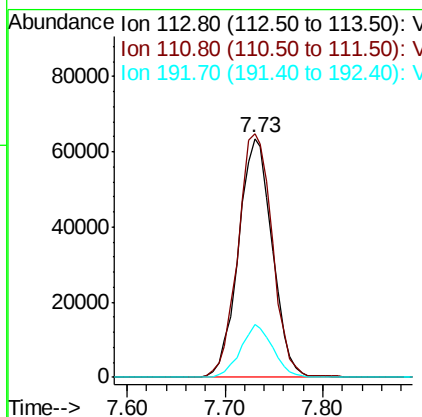
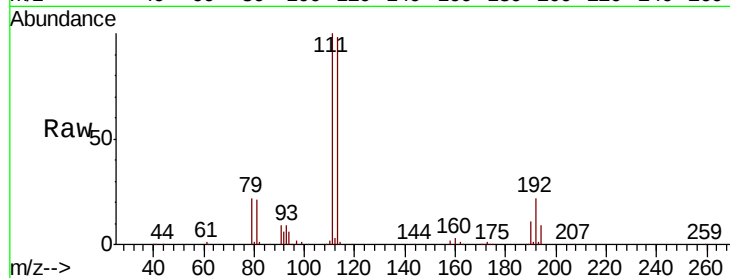
#35
Dibromofluoromethane
Concen: 51.003 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	20.9	15.8	23.8

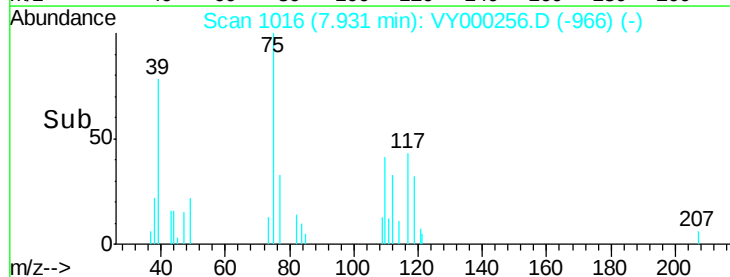
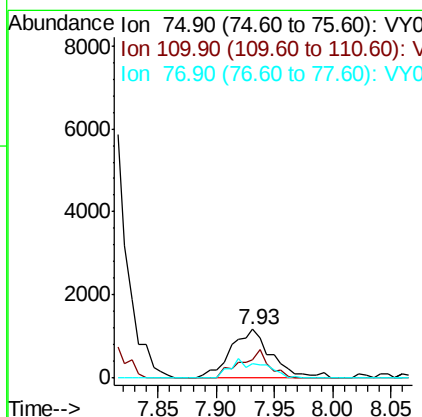
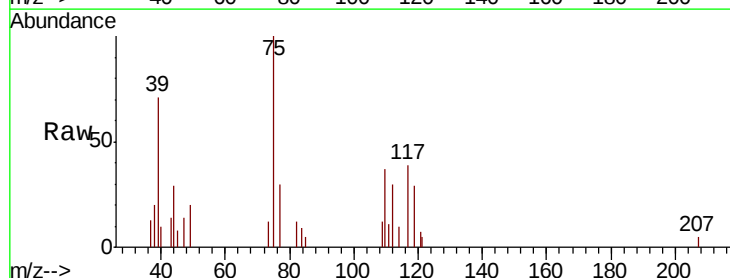
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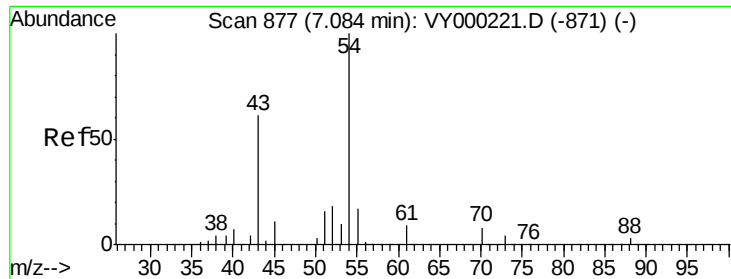
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10/14/2019 1:33:28 PM



#36
1,1-Dichloropropene
Concen: 0.591 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	18.4	55.2
77	32.2	24.7	37.1





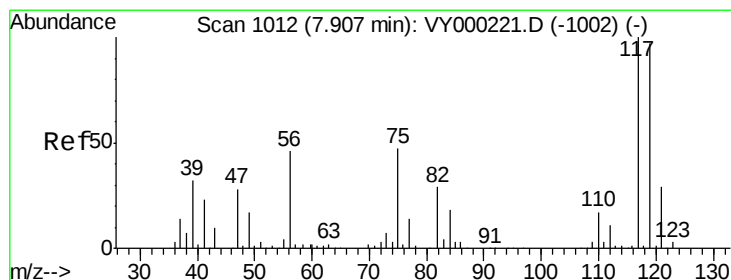
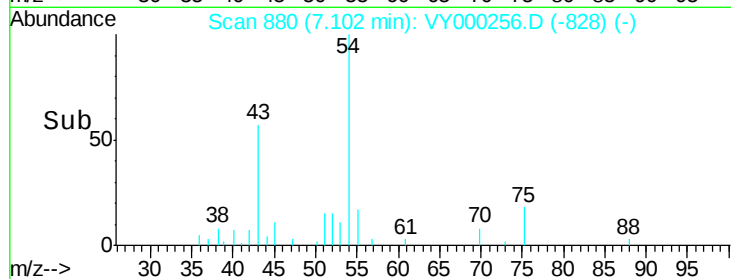
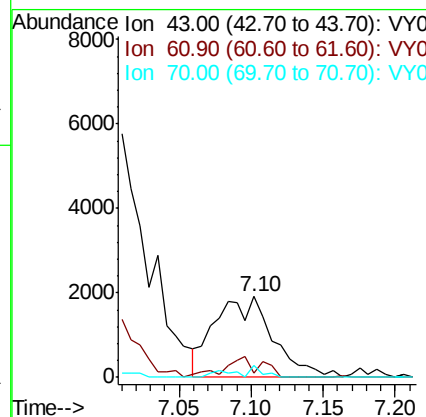
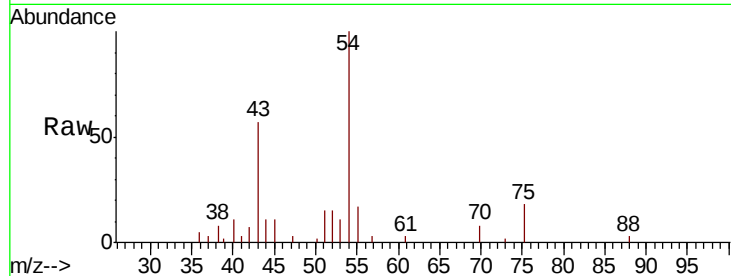
#37
Ethyl Acetate
Concen: 0.608 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.02 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.1	16.7
70	3.0	8.5	12.7#

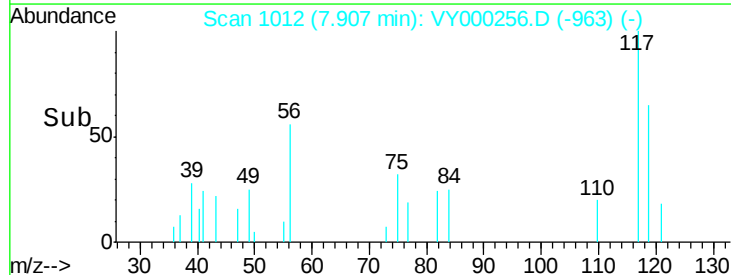
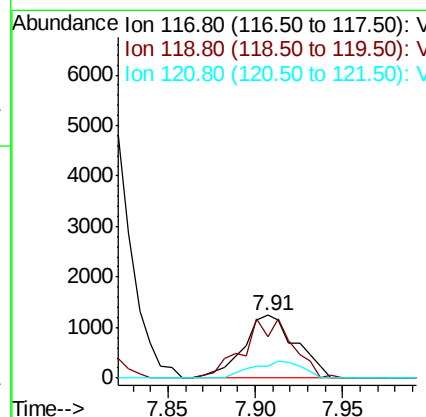
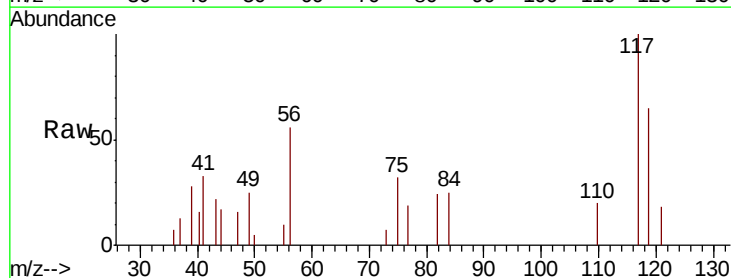
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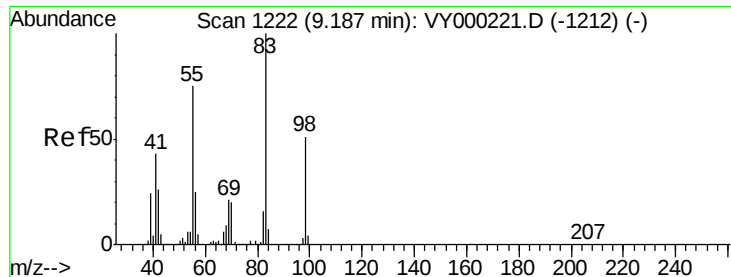
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10/14/2019 1:33:28 PM



#38
Carbon Tetrachloride
Concen: 0.543 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	65.1	77.2	115.8#
121	18.4	23.1	34.7#





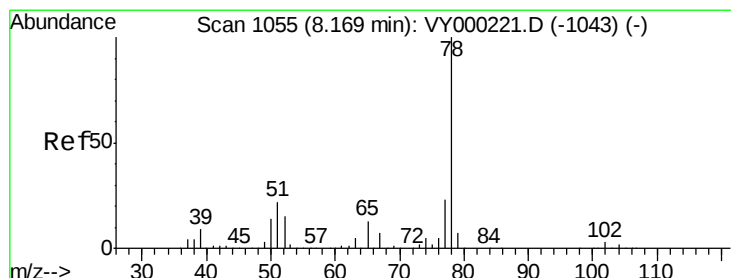
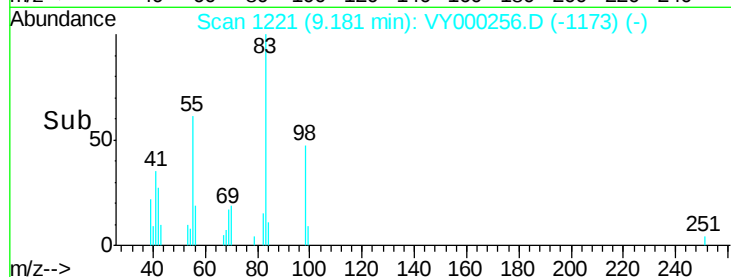
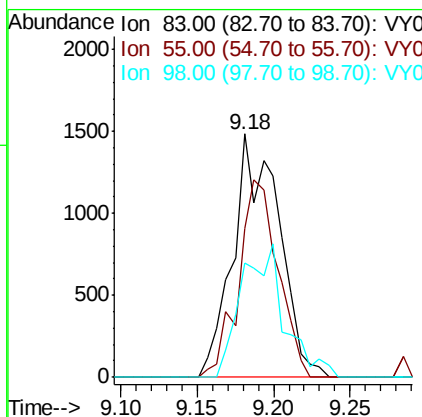
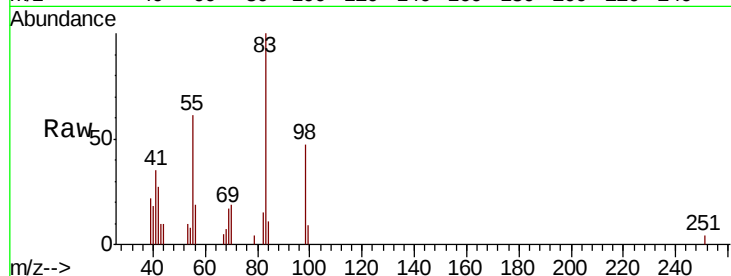
#39
Methvlcvclohexane
Concen: 0.507 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.0	60.2	90.4
98	46.7	40.5	60.7

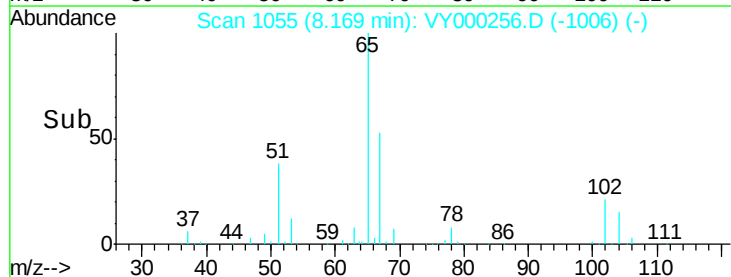
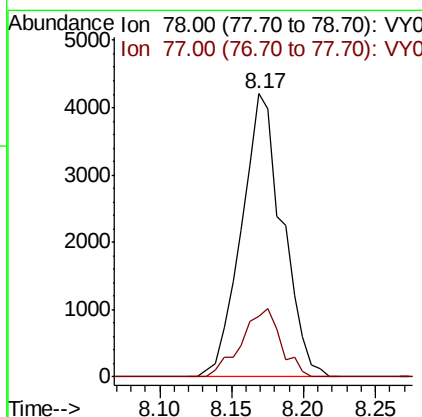
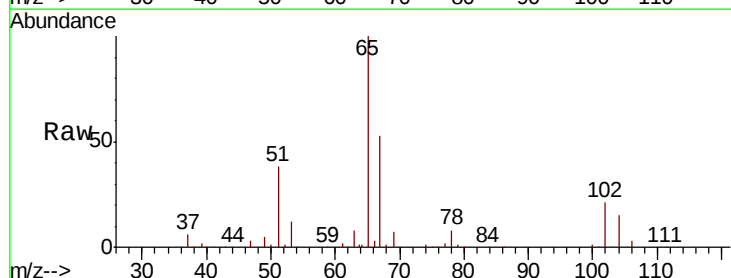
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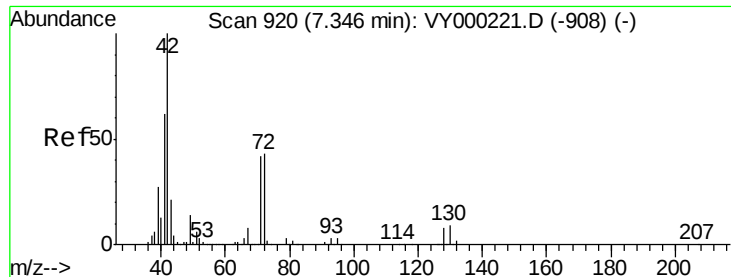
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10/14/2019 1:33:28 PM



#40
Benzene
Concen: 0.560 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.6	28.0





#41

Methacrylonitrile

Concen: 0.453 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 41 Resp: 3146

Ion Ratio Lower Upper

41 100

39 0.0 74.7 112.1#

67 0.0 0.0 0.0

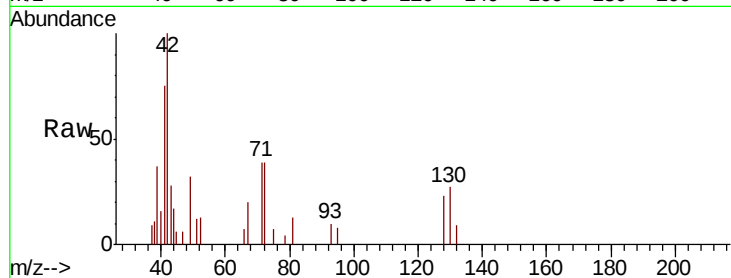
52 0.0 0.0 0.0

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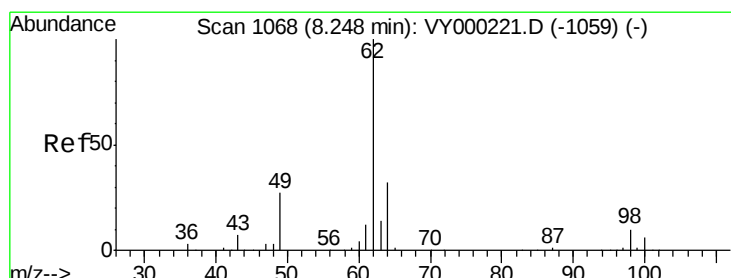
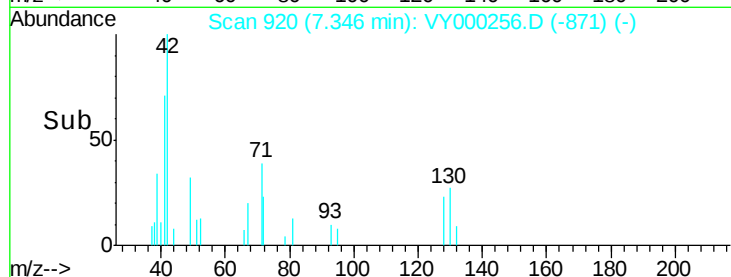
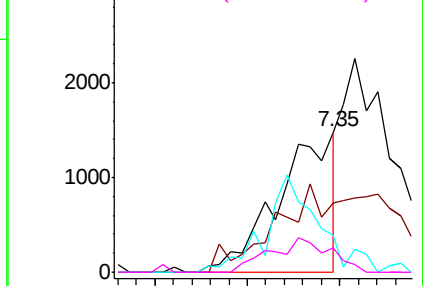


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 0.694 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000256.D

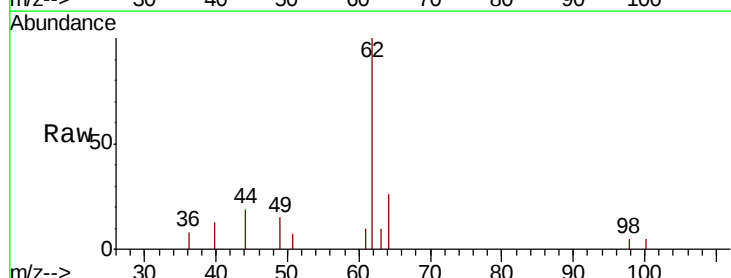
Acq: 10 Oct 2019 16:23

Tgt Ion: 62 Resp: 3340

Ion Ratio Lower Upper

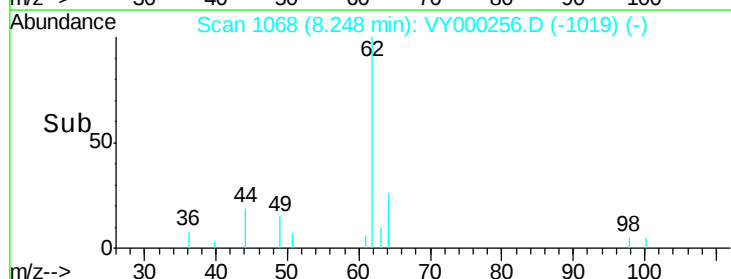
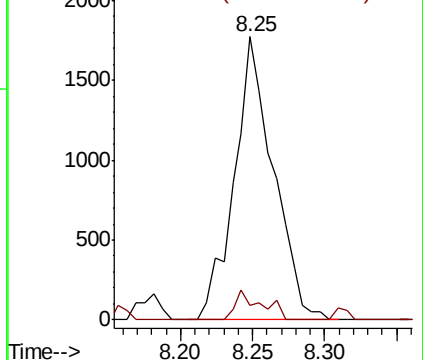
62 100

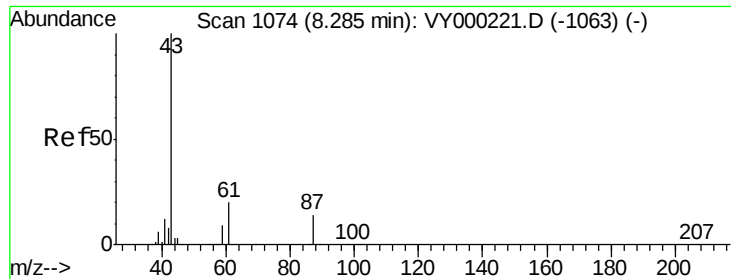
98 7.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 0.532 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

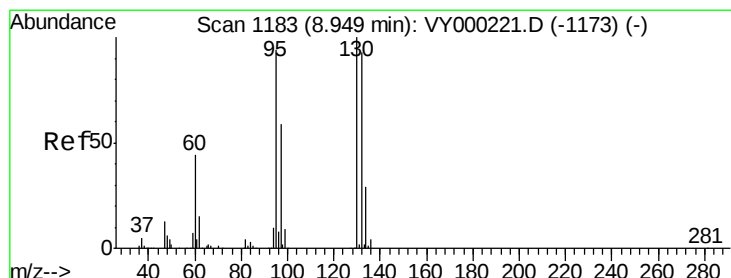
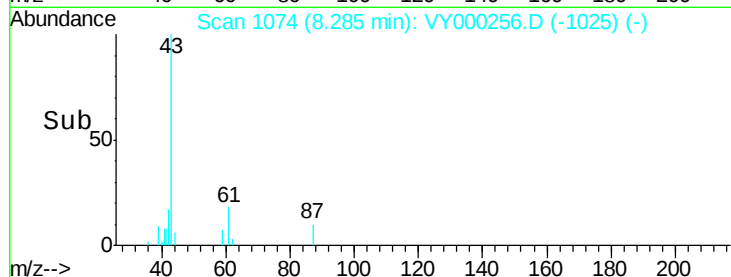
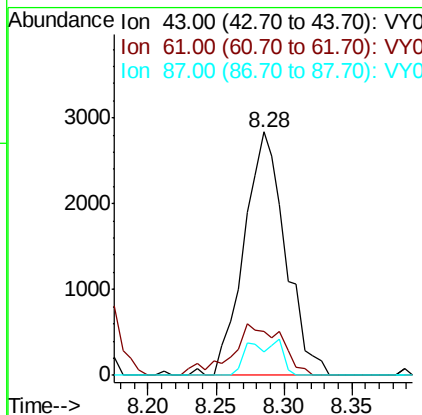
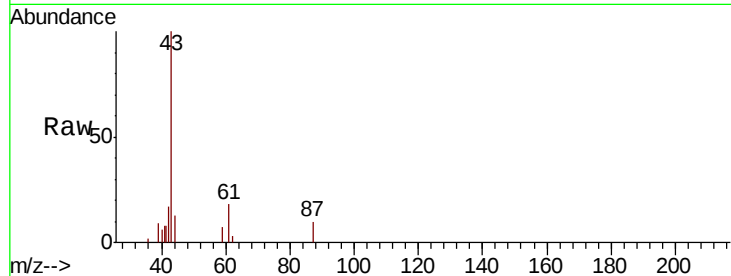
ClientSampleId :

0.5PPBMDL

Tot Ion:	43	Resp:	6049
Ion	Ratio	Lower	Upper
43	100		
61	25.2	20.1	30.1
87	0.0	10.6	15.8#

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#44

Trichloroethene

Concen: 0.625 ug/l

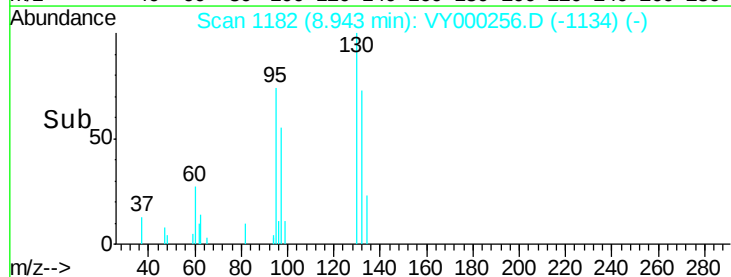
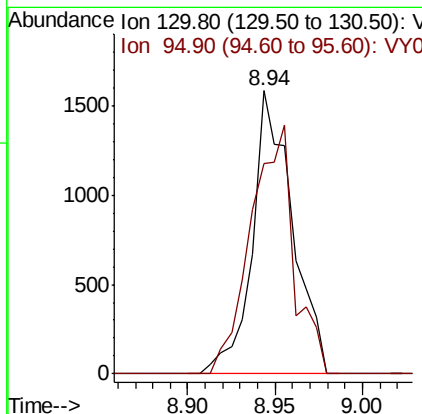
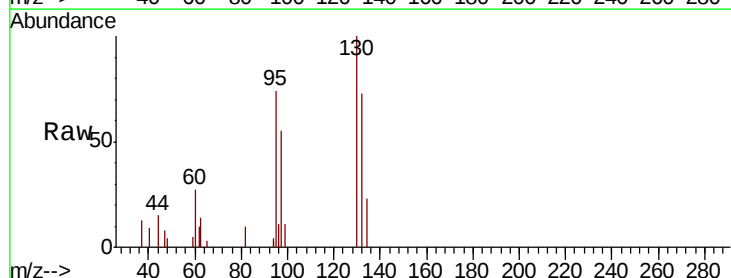
RT: 8.94 min Scan# 1182

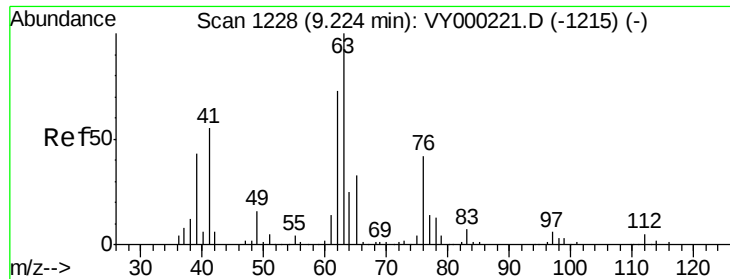
Delta R.T. -0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion:	130	Resp:	2512
Ion	Ratio	Lower	Upper
130	100		
95	74.1	0.0	189.0





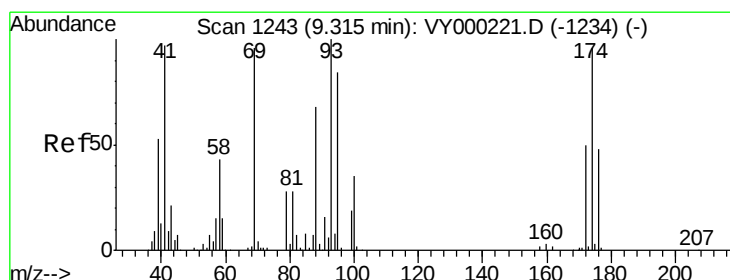
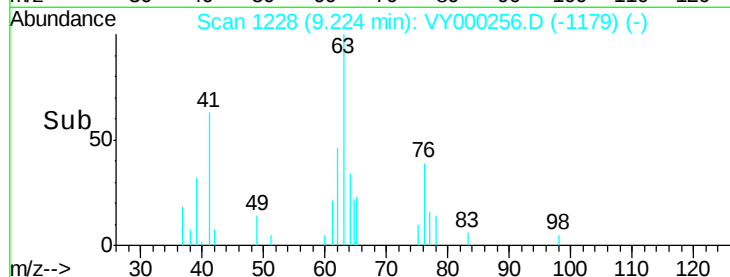
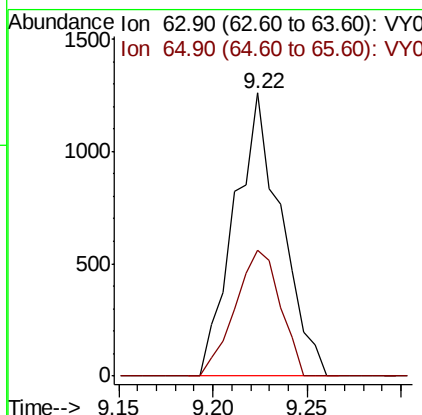
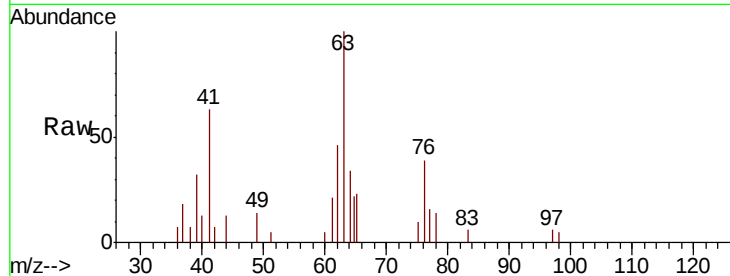
#45
 1,2-Dichloropropane
 Concen: 0.584 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion: 63 Resp: 2167
 Ion Ratio Lower Upper
 63 100
 65 44.6 26.6 39.8#

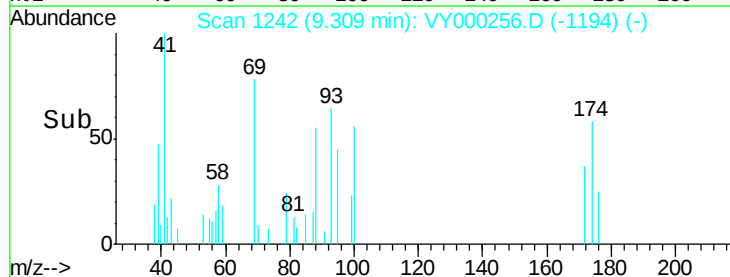
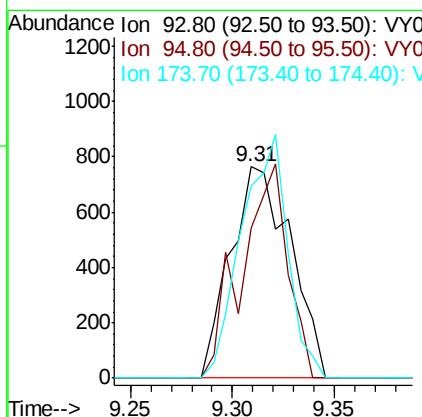
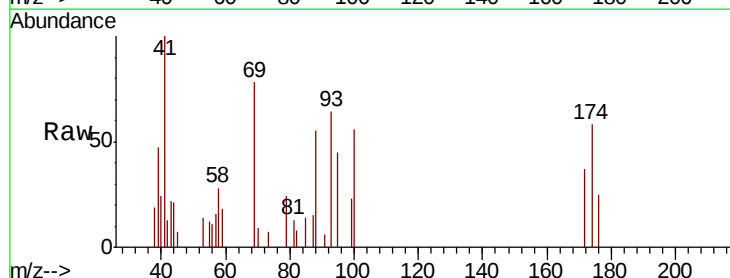
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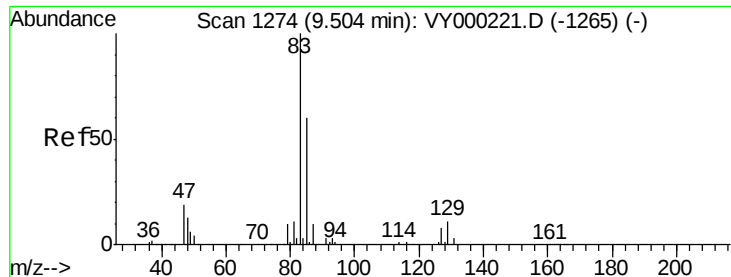
MMDadoda
 10/14/2019 1:33:28 PM



#46
 Dibromomethane
 Concen: 0.602 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion: 93 Resp: 1565
 Ion Ratio Lower Upper
 93 100
 95 77.9 67.0 100.6
 174 88.2 77.5 116.3





#47

Bromodichloromethane

Concen: 0.548 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

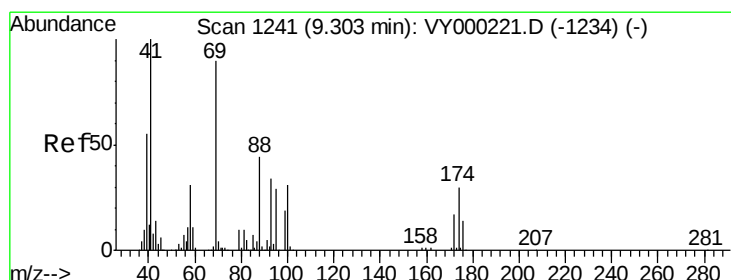
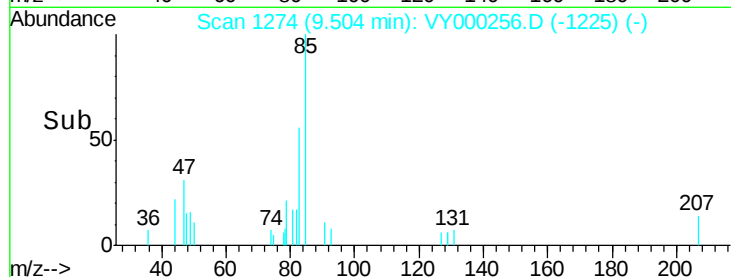
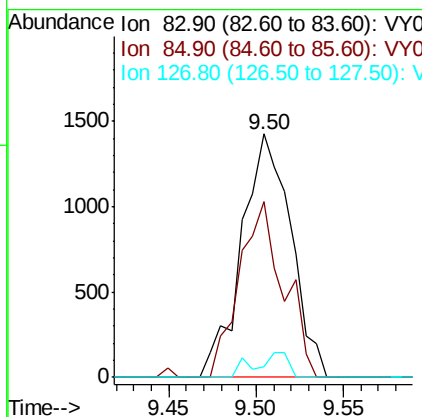
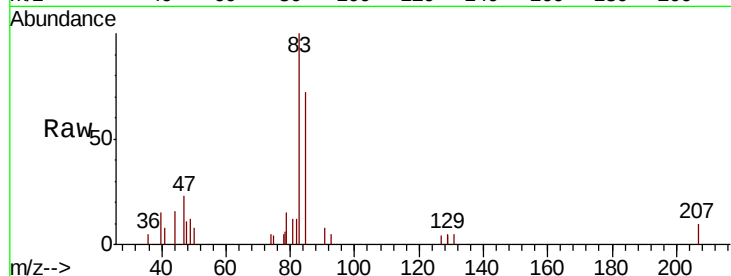
ClientSampleId :

0.5PPBMDL

Tot Ion:	83	Resp:	2789
Ion	Ratio	Lower	Upper
83	100		
85	71.9	48.0	72.0
127	4.3	6.5	9.7#

Manual Integrations
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#48

Methyl methacrylate

Concen: 0.560 ug/l

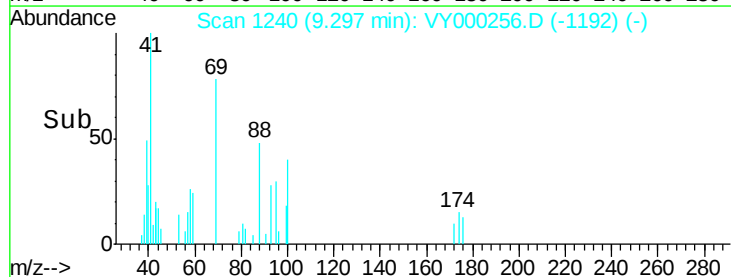
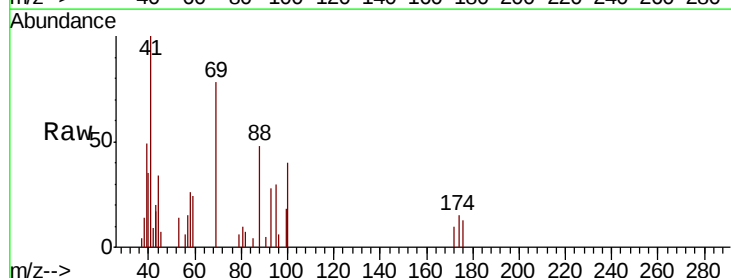
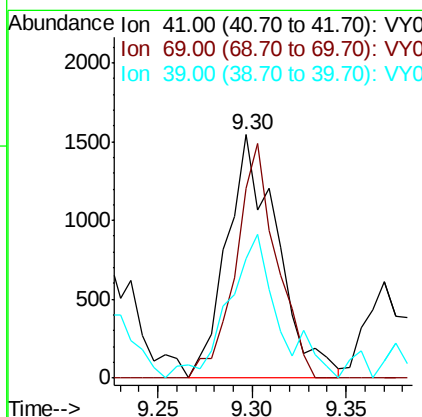
RT: 9.30 min Scan# 1240

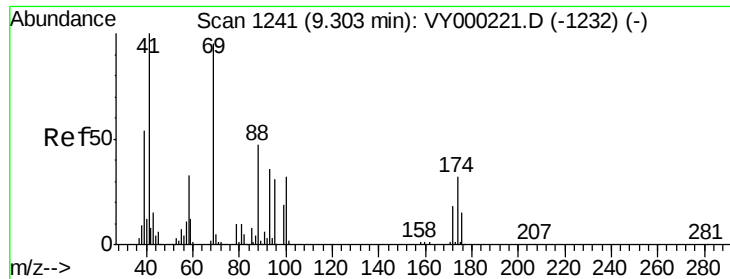
Delta R.T. -0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion:	41	Resp:	2871
Ion	Ratio	Lower	Upper
41	100		
69	78.0	70.3	105.5
39	58.3	45.5	68.3





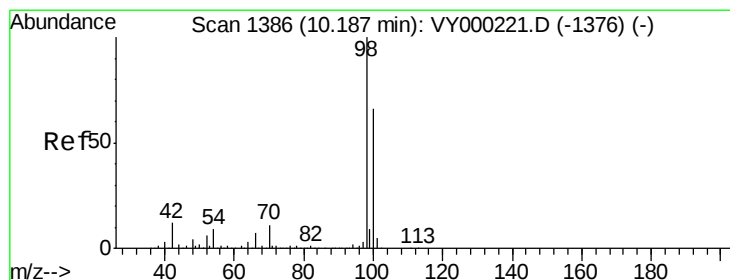
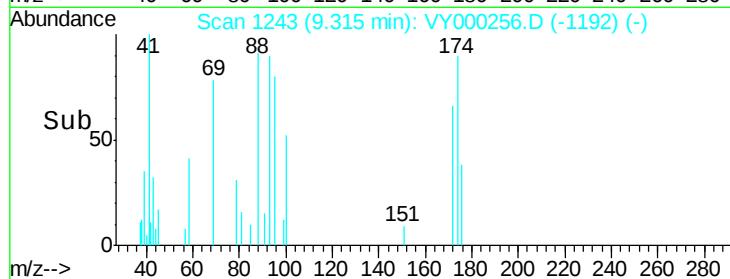
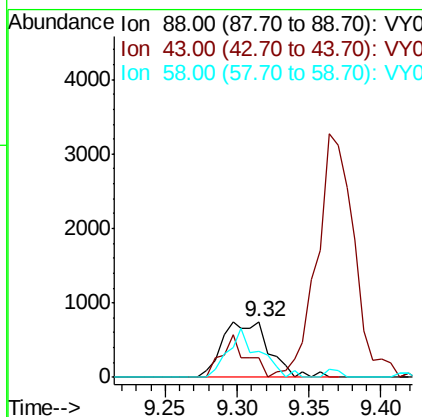
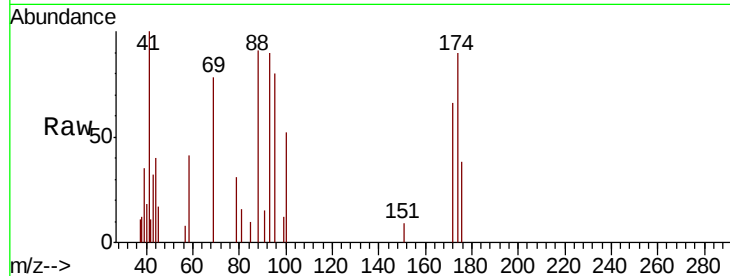
#49
1,4-Dioxane
Concen: 12.883 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	88	Resp	1696
Ion	Ratio	Lower	Upper
88	100		
43	41.5	24.5	36.7#
58	58.0	54.2	81.2

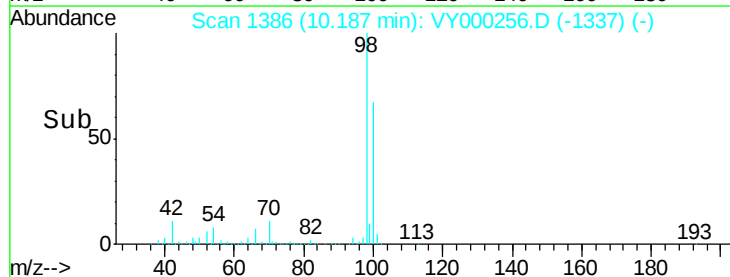
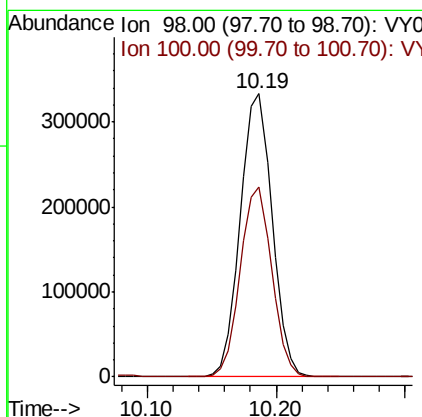
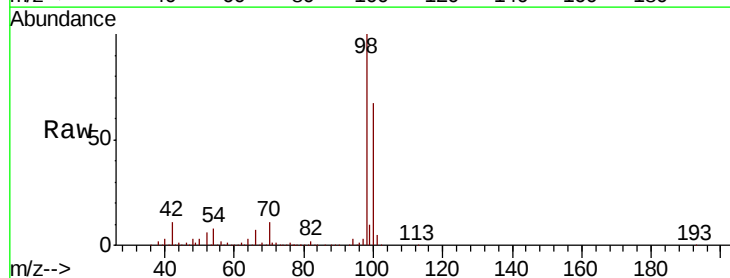
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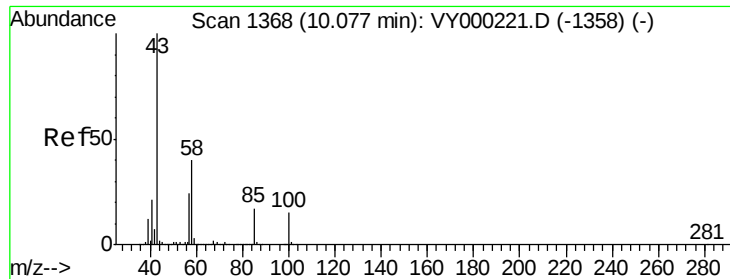
MMDadoda
10/14/2019 1:33:28 PM



#50
Toluene-d8
Concen: 48.681 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	98	Resp	571792
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 2.559 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 43 Resp: 21852

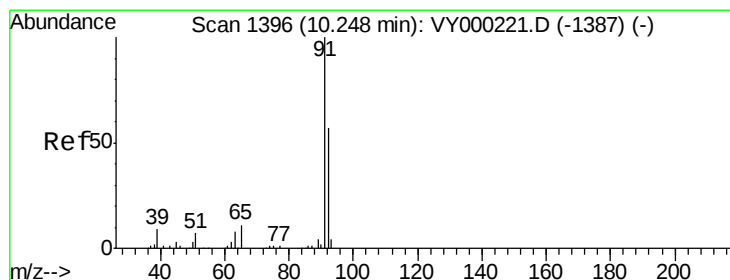
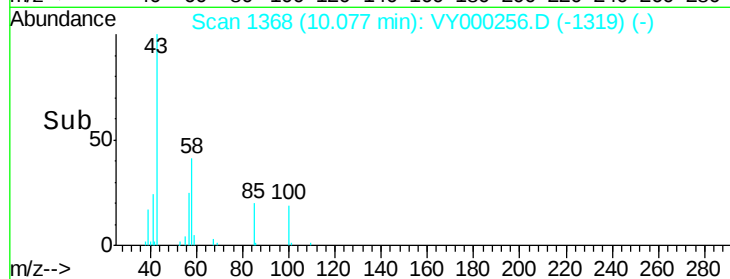
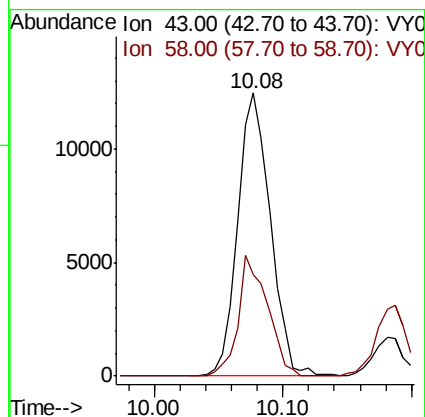
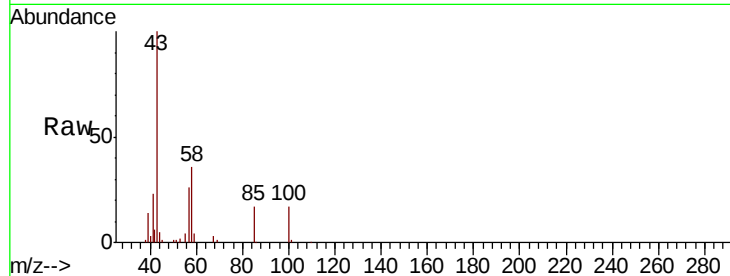
Ion Ratio Lower Upper

43 100

58 38.3 31.7 47.5

Manual Integrations
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10/14/2019 1:33:28 PM



#52

Toluene

Concen: 0.506 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000256.D

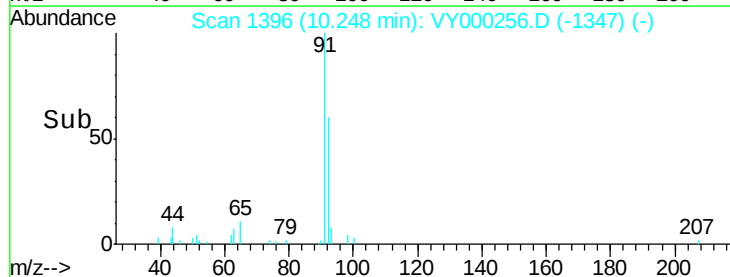
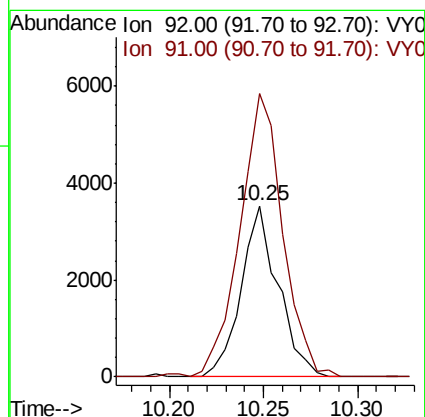
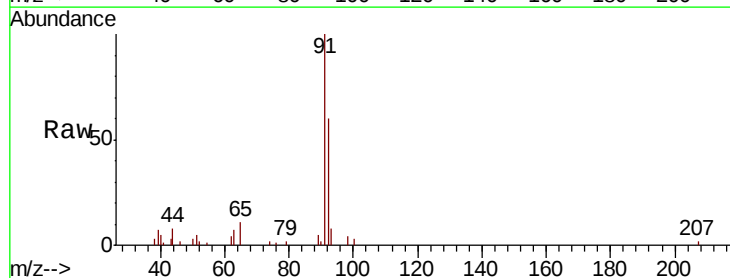
Acq: 10 Oct 2019 16:23

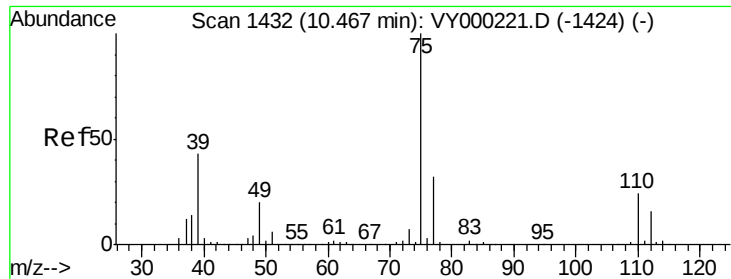
Tgt Ion: 92 Resp: 4810

Ion Ratio Lower Upper

92 100

91 192.1 139.1 208.7





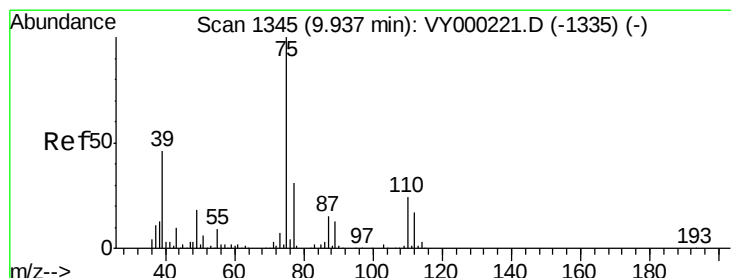
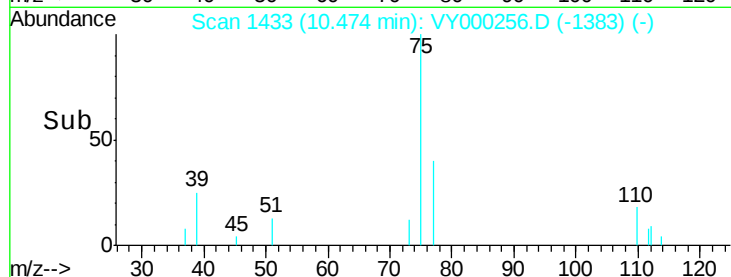
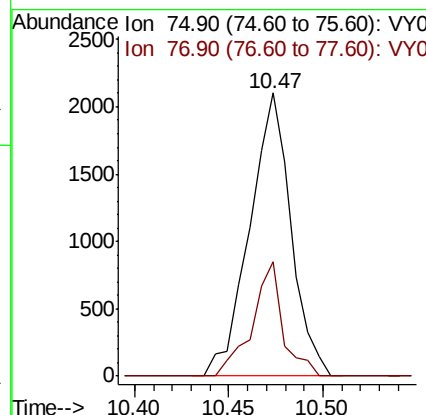
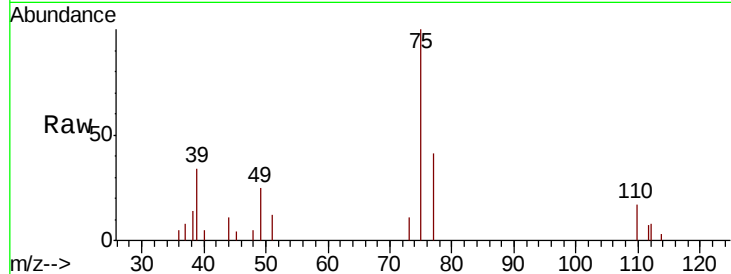
#53
t-1,3-Dichloropropene
Concen: 0.552 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 75 Resp: 3188
Ion Ratio Lower Upper
75 100
77 40.6 25.3 37.9#

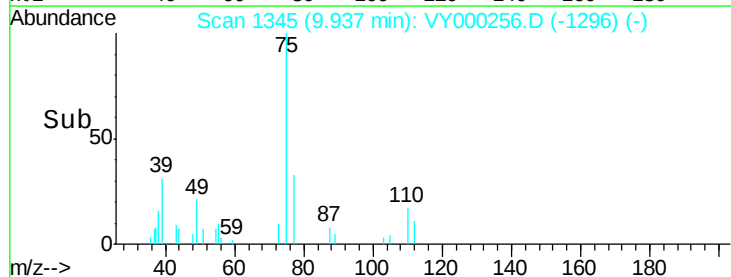
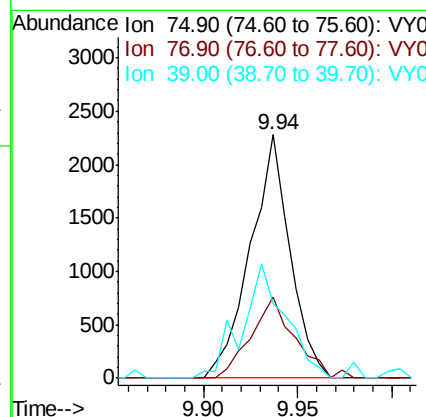
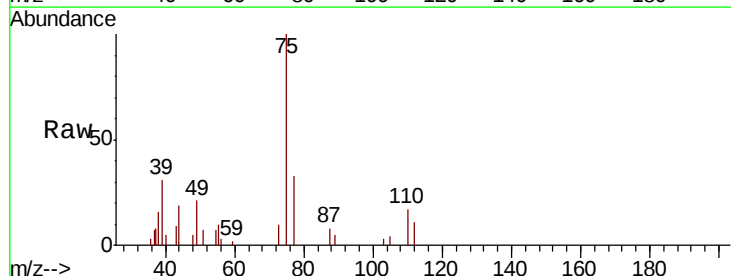
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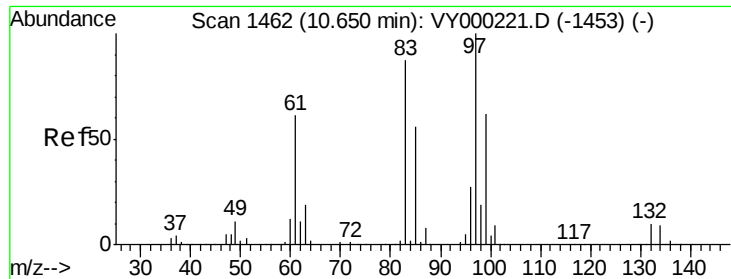
MMDadoda
10/14/2019 1:33:28 PM



#54
cis-1,3-Dichloropropene
Concen: 0.533 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 75 Resp: 3331
Ion Ratio Lower Upper
75 100
77 33.3 25.0 37.4
39 30.9 36.3 54.5#





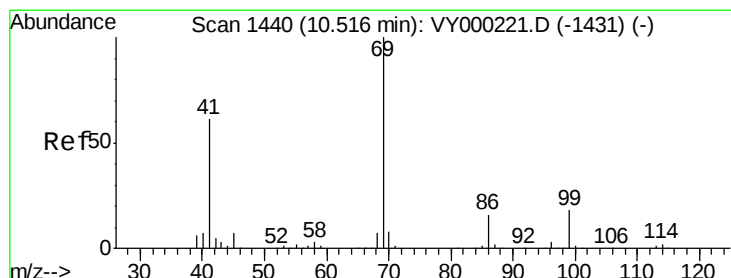
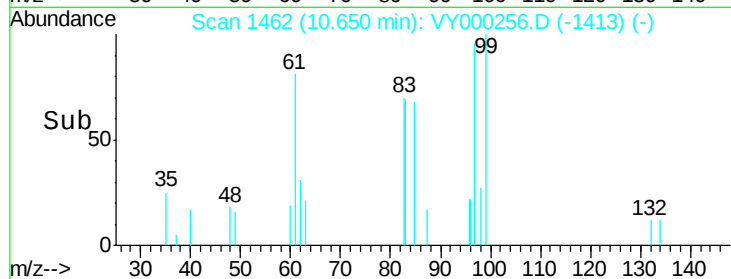
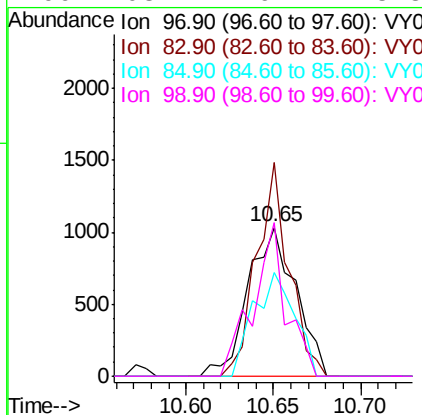
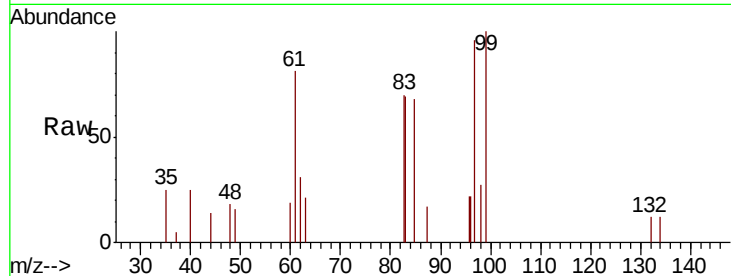
#55
1,1,2-Trichloroethane
Concen: 0.523 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
97	100		
83	143.8	69.4	104.0#
85	70.1	44.6	66.8#
99	103.7	49.2	73.8#

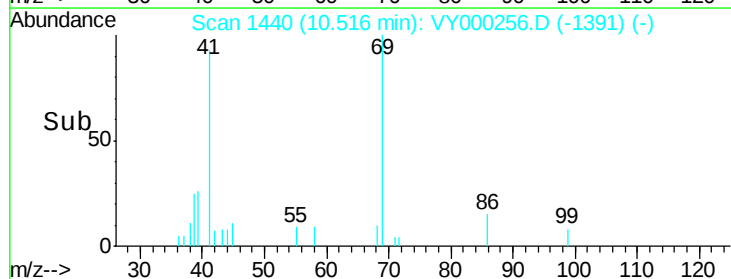
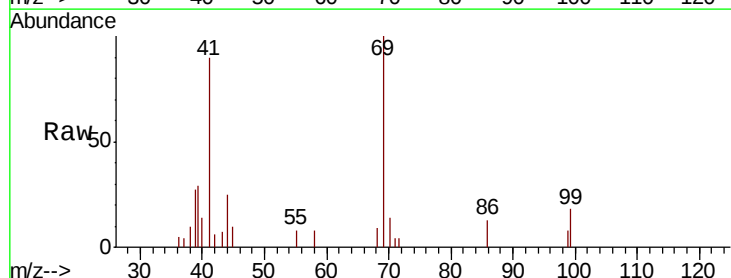
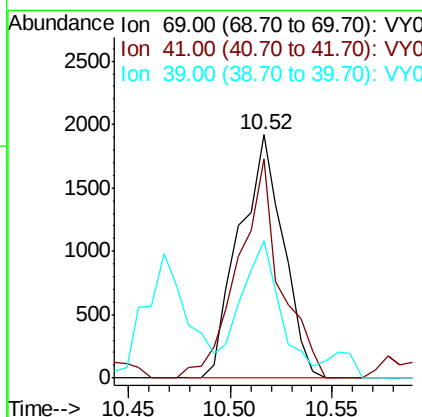
Manual Integrations
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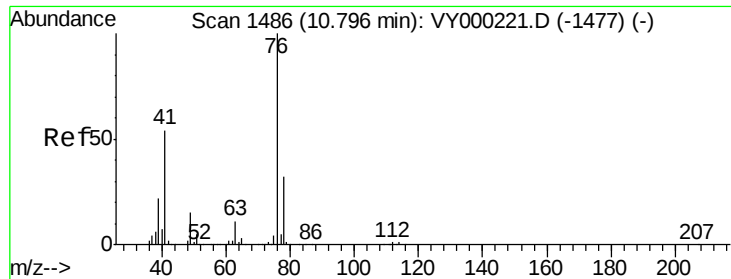
MMDadoda
10/14/2019 1:33:28 PM



#56
Ethyl methacrylate
Concen: 0.436 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	87.2	51.2	76.8#
39	51.6	27.0	40.4#





#57

1,3-Dichloropropane

Concen: 0.547 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 76 Resp: 3497

Ion Ratio Lower Upper

76 100

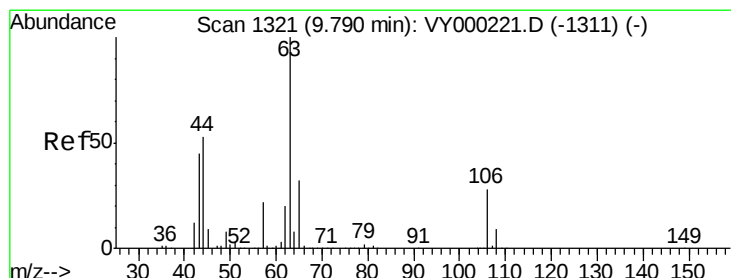
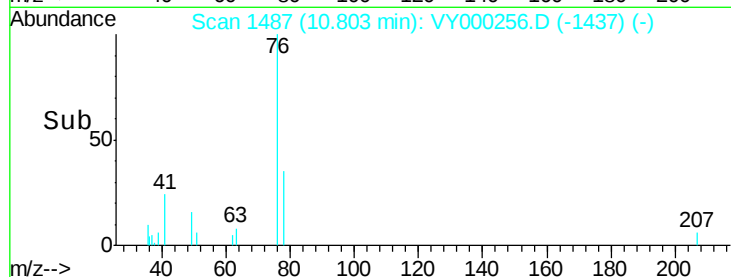
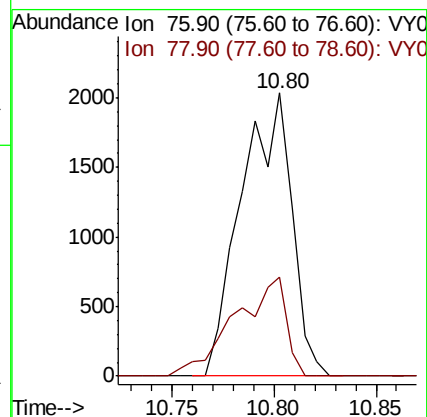
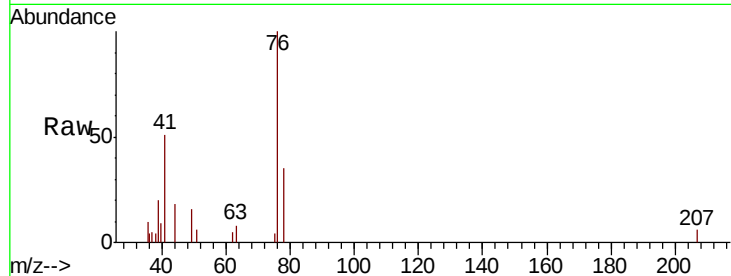
78 35.8 26.0 39.0

Manual Integrations

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10/14/2019 1:33:28 PM



#58

2-Chloroethyl Vinyl ether

Concen: 2.968 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000256.D

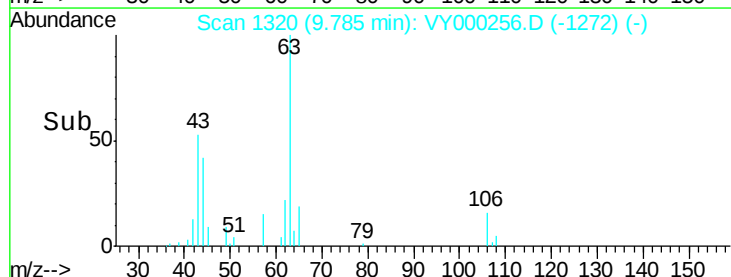
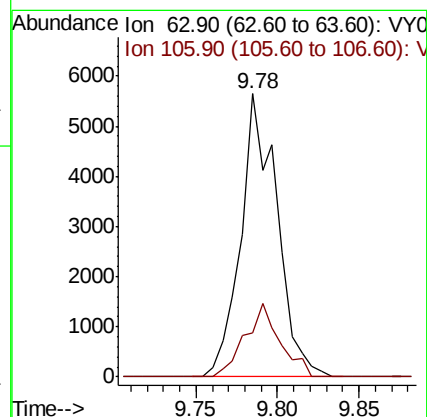
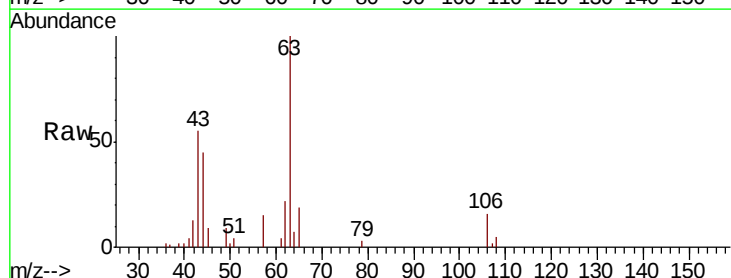
Acq: 10 Oct 2019 16:23

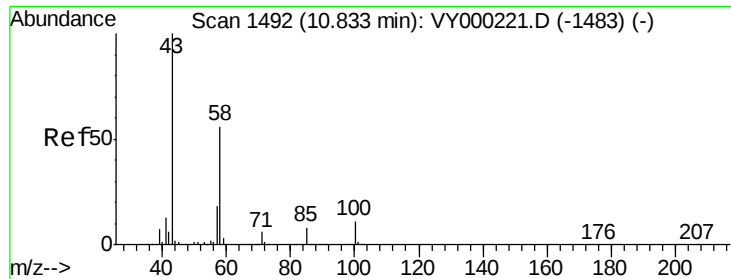
Tgt Ion: 63 Resp: 8725

Ion Ratio Lower Upper

63 100

106 25.0 22.6 33.8





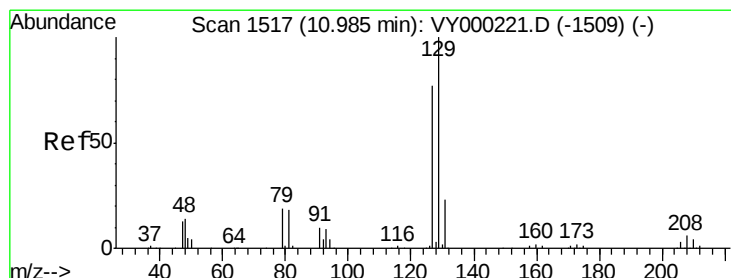
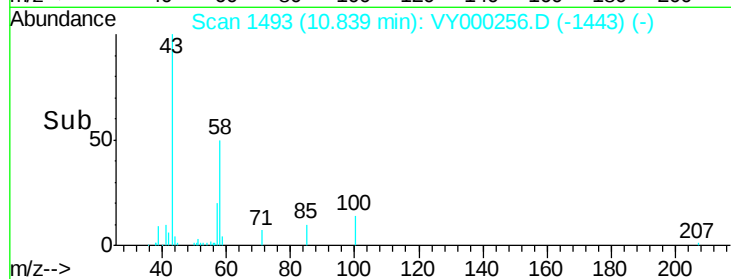
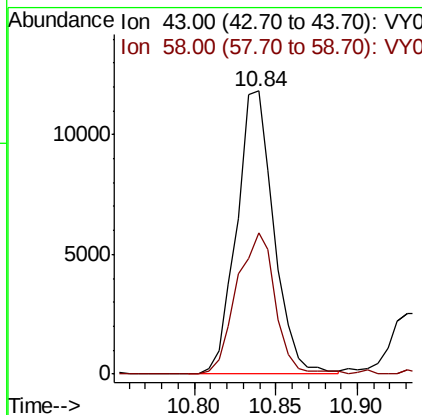
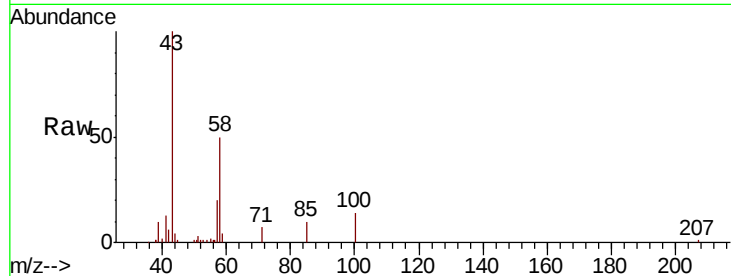
#59
2-Hexanone
Concen: 2.601 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion: 43 Resp: 18827
Ion Ratio Lower Upper
43 100
58 52.0 28.2 84.6

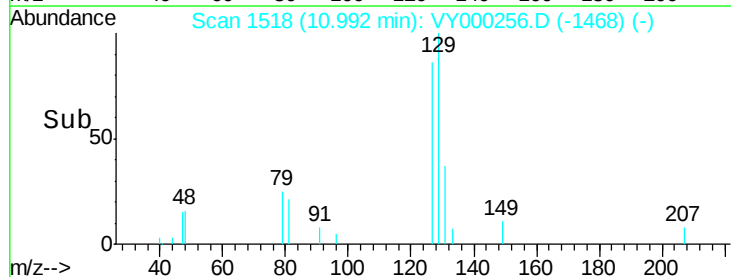
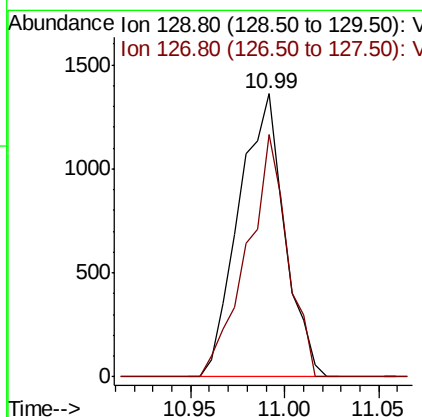
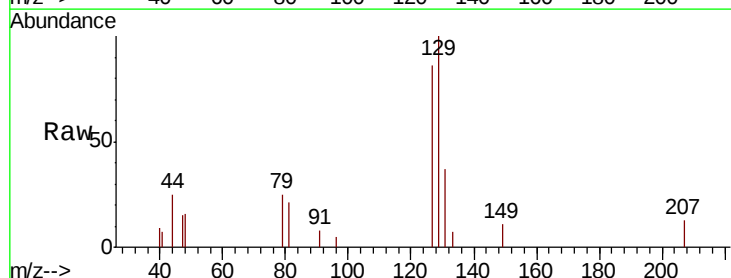
Manual Integrations
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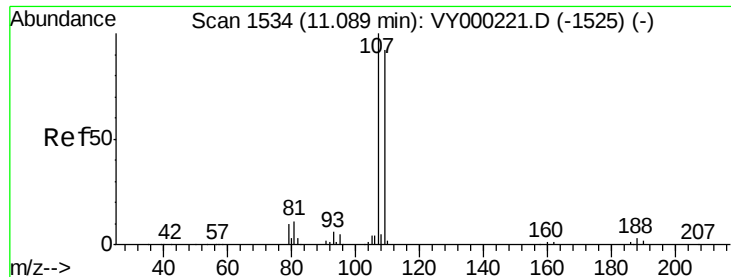
MMDadoda
10/14/2019 1:33:28 PM



#60
Dibromochloromethane
Concen: 0.581 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion: 129 Resp: 2300
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 0.524 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion:107 Resp: 2086

Ion Ratio Lower Upper

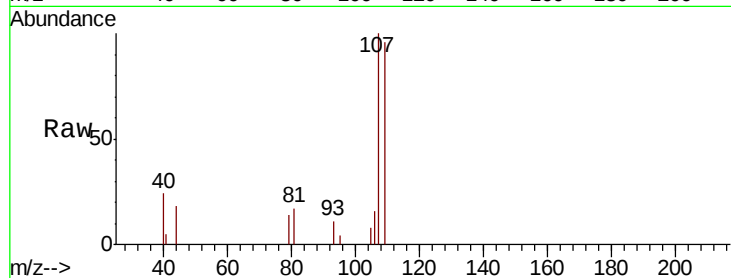
107 100

109 112.7 75.0 112.6#

Manual Integrations
APPROVED

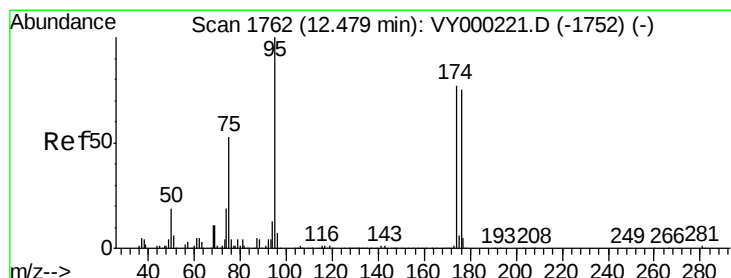
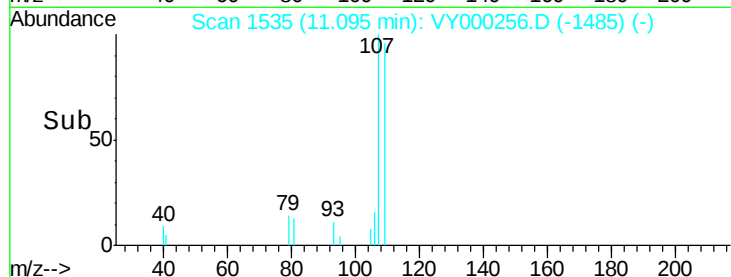
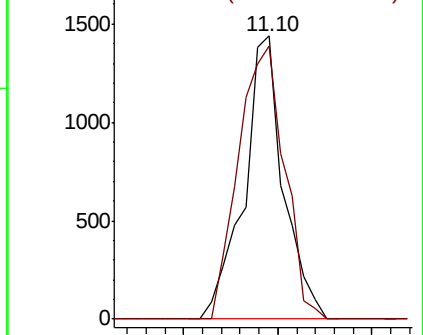
MMDadoda

10/14/2019 1:33:28 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.359 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

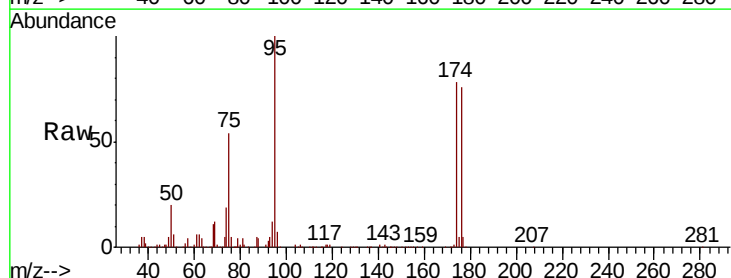
Tgt Ion: 95 Resp: 196326

Ion Ratio Lower Upper

95 100

174 84.2 0.0 157.0

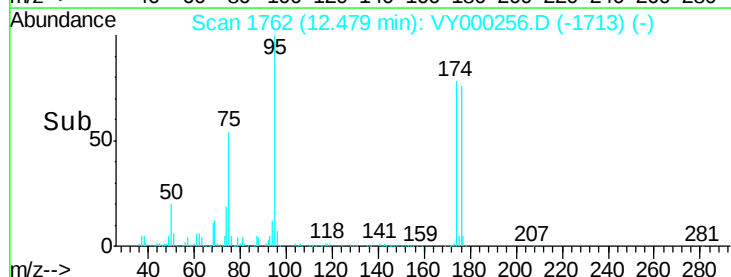
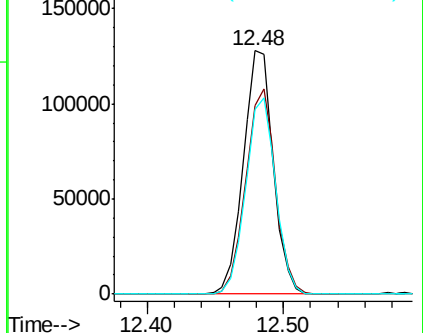
176 80.8 0.0 153.0

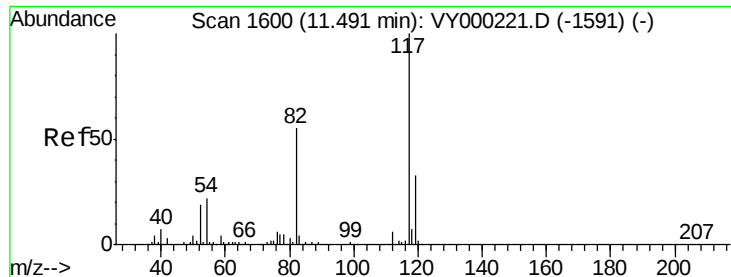


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





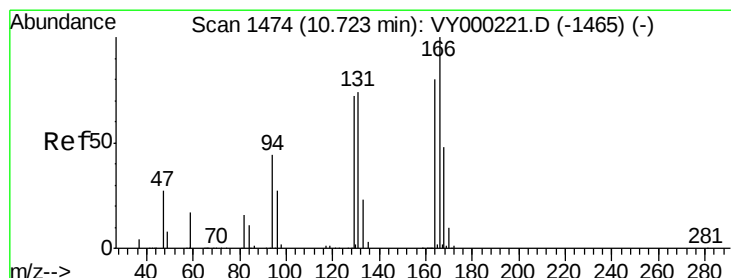
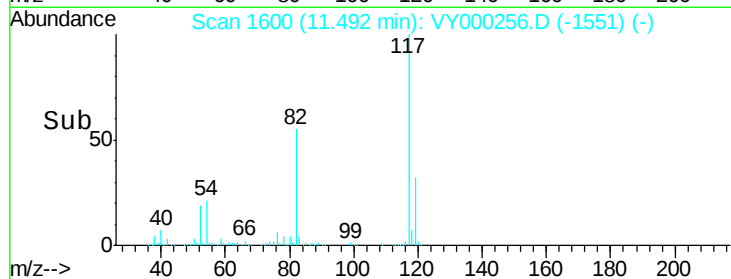
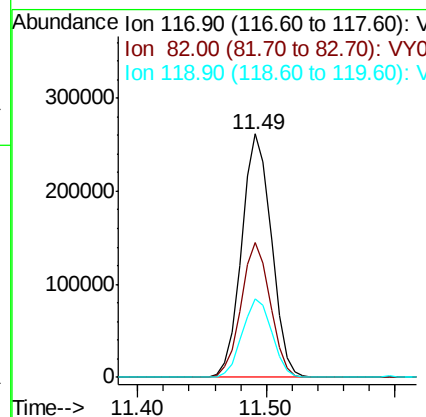
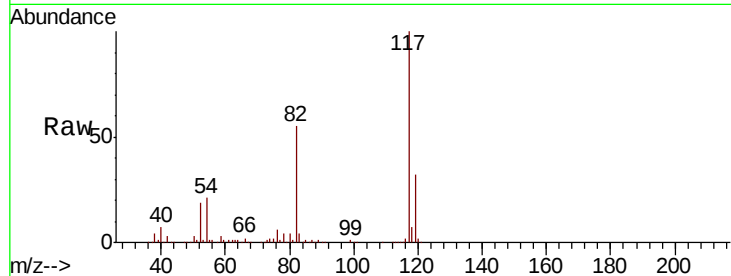
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.4	66.6
119	32.3	26.2	39.2

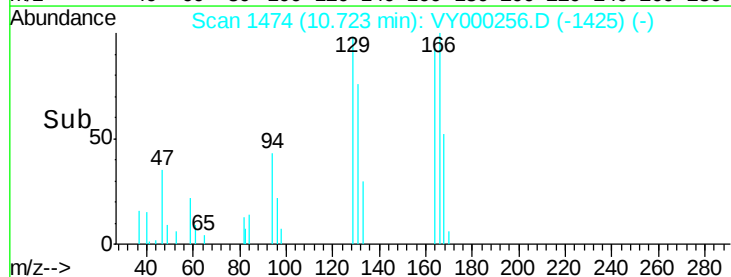
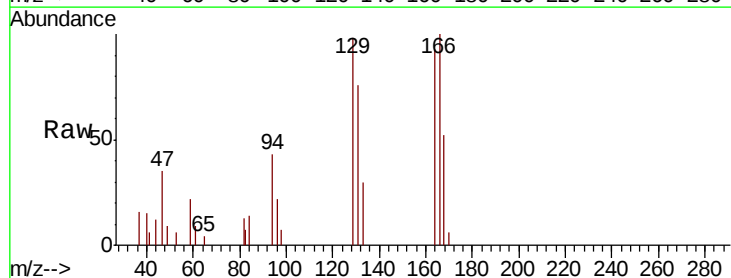
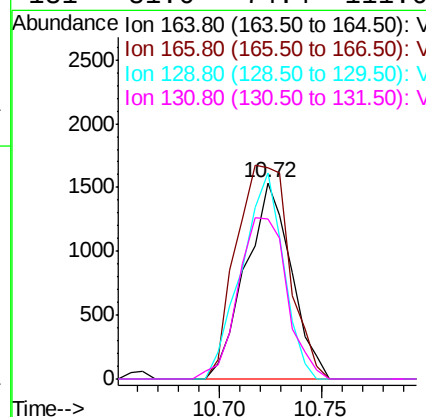
Manual Integrations
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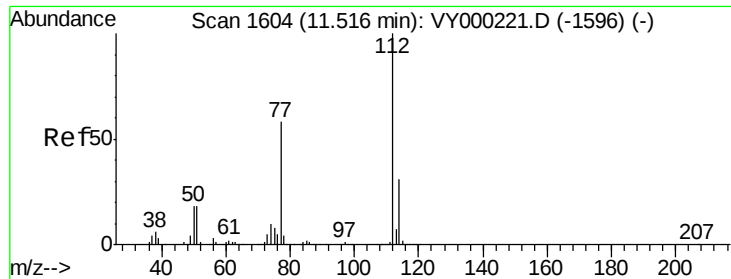
MMDadoda
10/14/2019 1:33:28 PM



#64
Tetrachloroethene
Concen: 0.627 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	107.3	100.3	150.5
129	105.0	72.4	108.6
131	81.6	74.4	111.6





#65

Chlorobenzene

Concen: 0.555 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion:112 Resp: 5372

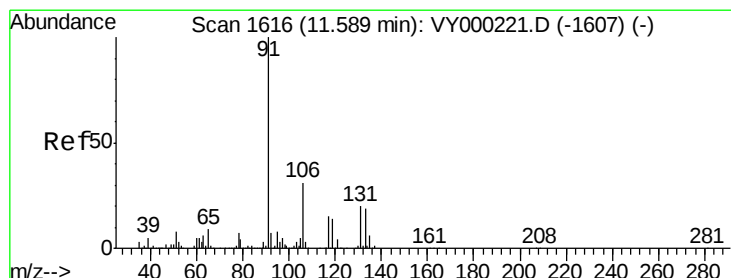
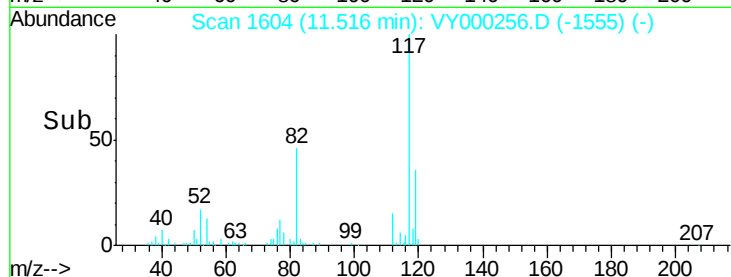
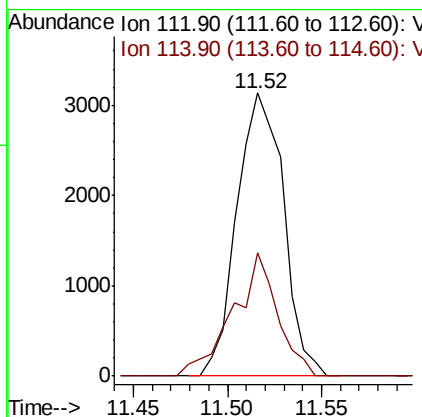
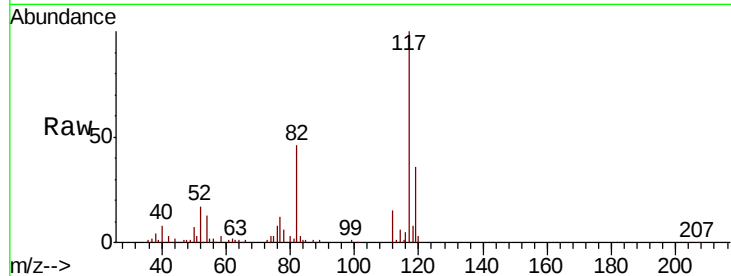
Ion Ratio Lower Upper

112 100

114 43.5 25.0 37.4#

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 0.575 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

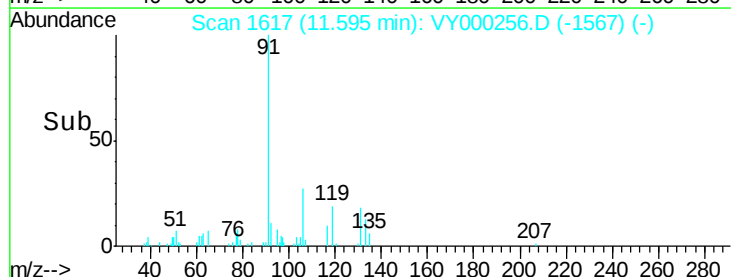
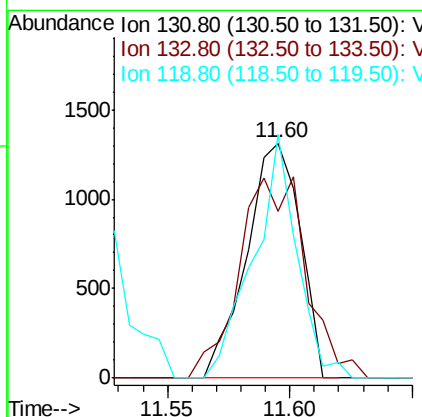
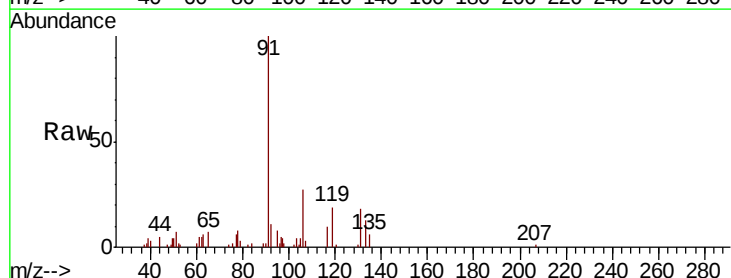
Tgt Ion:131 Resp: 1990

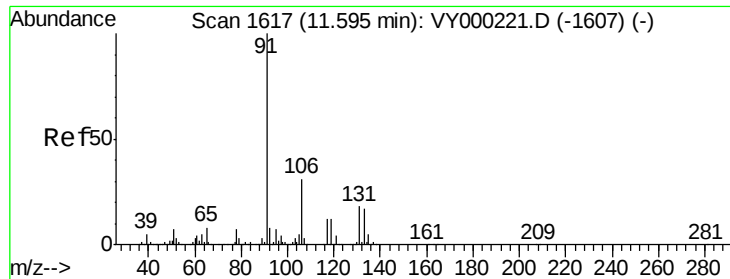
Ion Ratio Lower Upper

131 100

133 106.3 47.0 141.2

119 0.0 33.3 99.8#





#67

Ethyl Benzene

Concen: 0.557 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 91 Resp: 9625

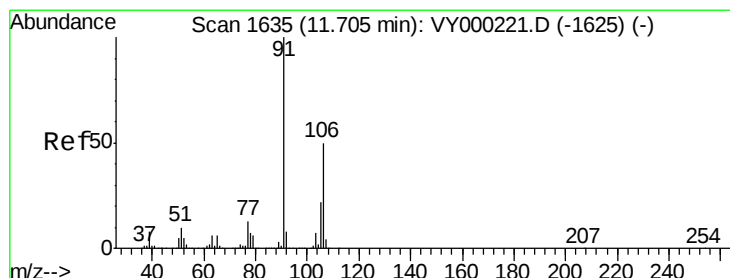
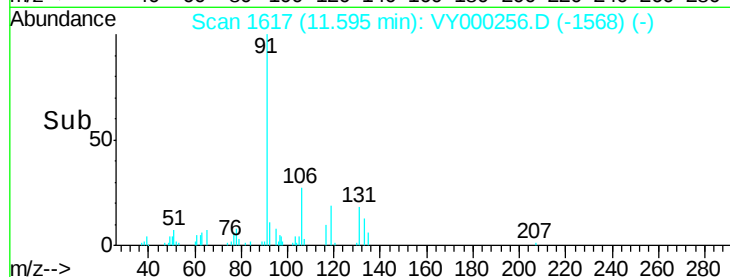
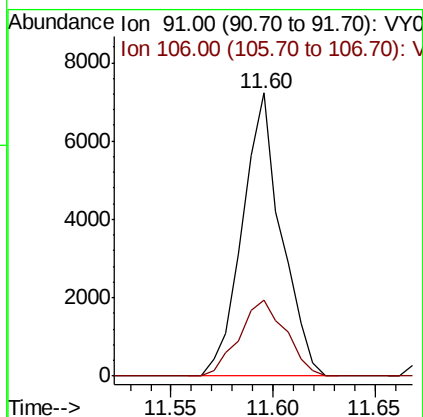
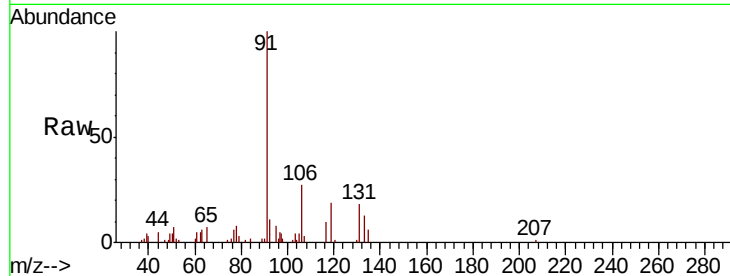
Ion Ratio Lower Upper

91 100

106 26.8 25.2 37.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 1.043 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY000256.D

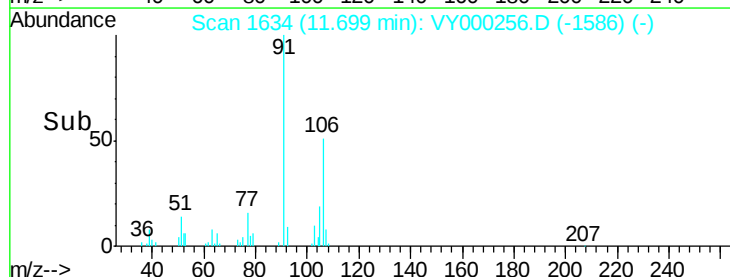
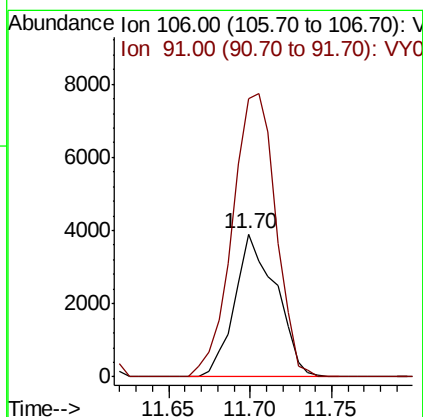
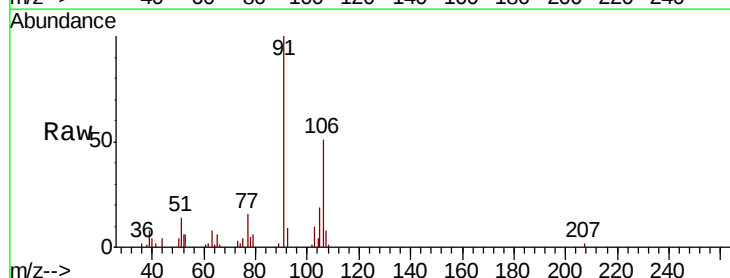
Acq: 10 Oct 2019 16:23

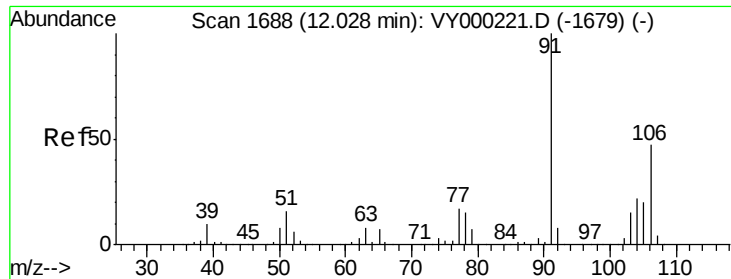
Tgt Ion: 106 Resp: 6884

Ion Ratio Lower Upper

106 100

91 209.2 159.9 239.9





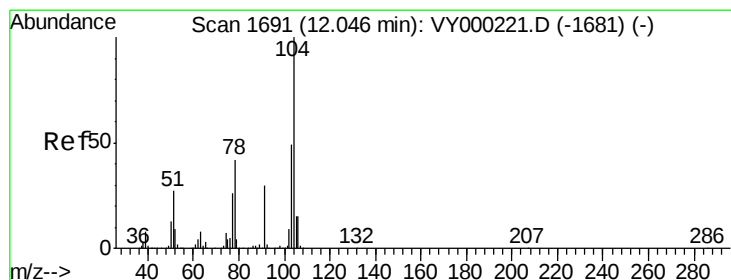
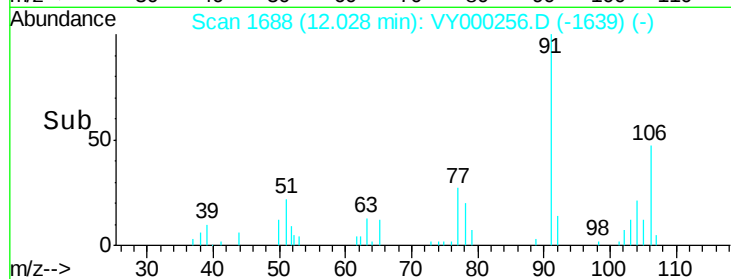
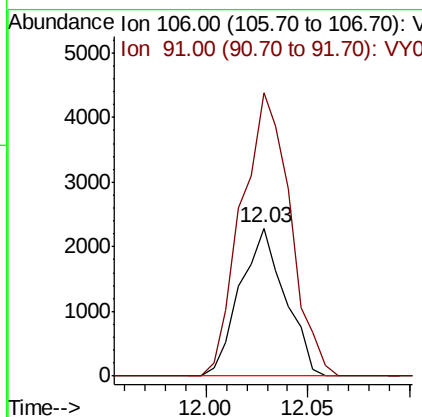
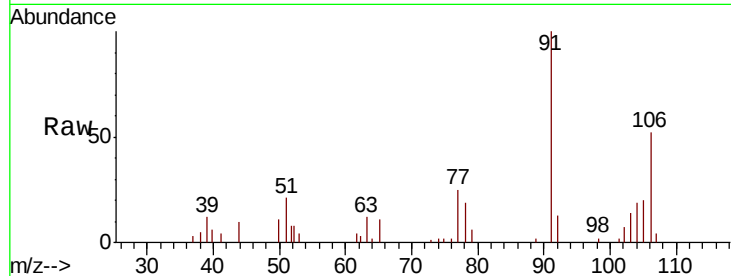
#69
o-Xylene
Concen: 0.554 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion:106 Resp: 3521
Ion Ratio Lower Upper
106 100
91 207.4 106.1 318.1

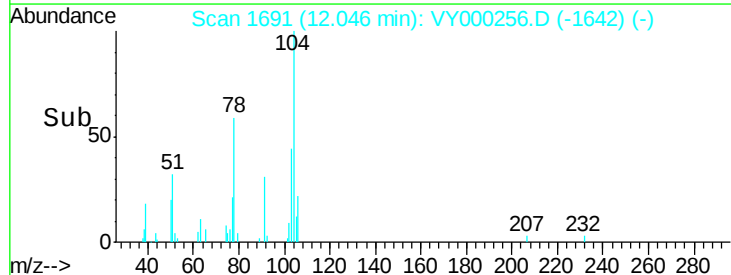
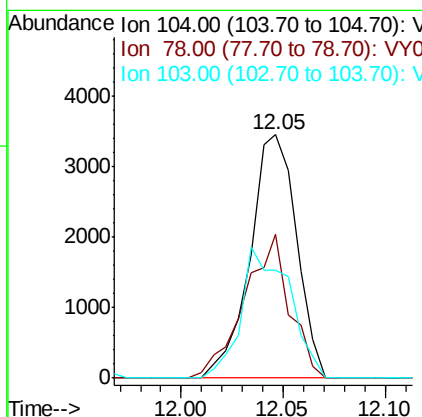
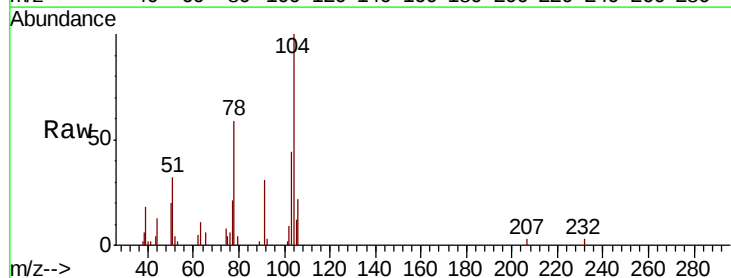
Manual Integrations
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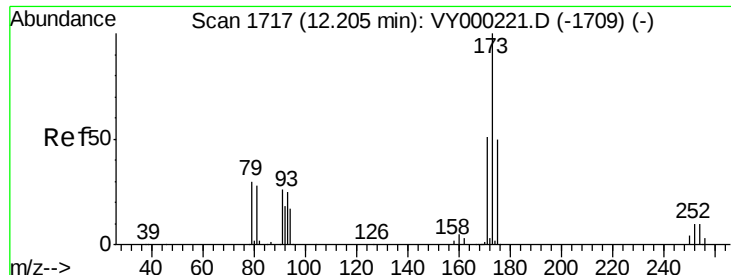
MMDadoda
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#70
Styrene
Concen: 0.499 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion:104 Resp: 5461
Ion Ratio Lower Upper
104 100
78 57.6 39.0 58.4
103 55.8 43.1 64.7





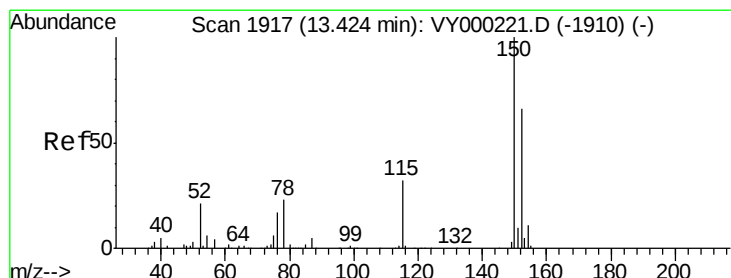
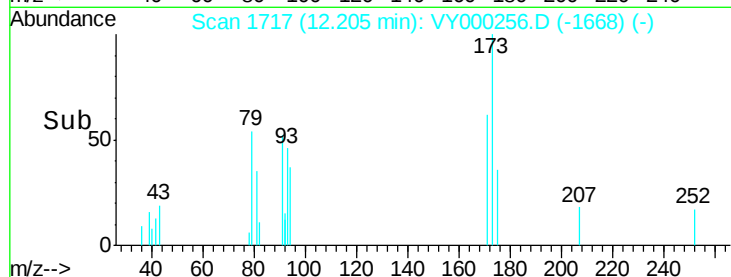
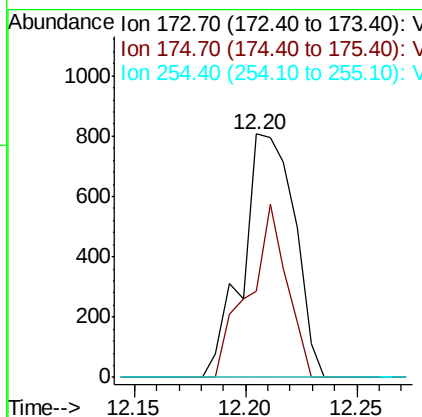
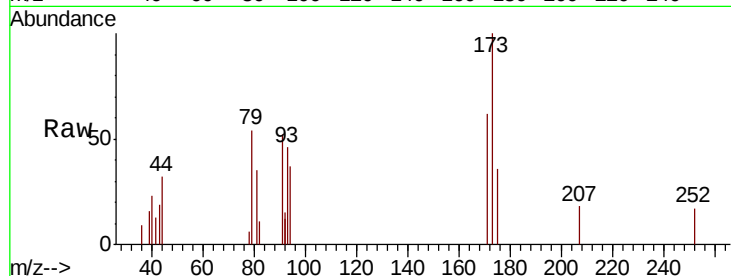
#71
Bromoform
Concen: 0.458 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
173	100		
175	52.5	24.8	74.3
254	0.0	0.1	0.1#

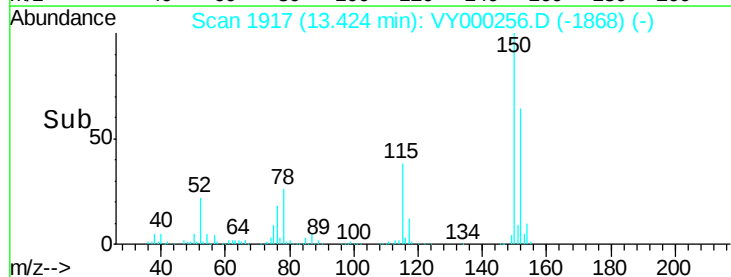
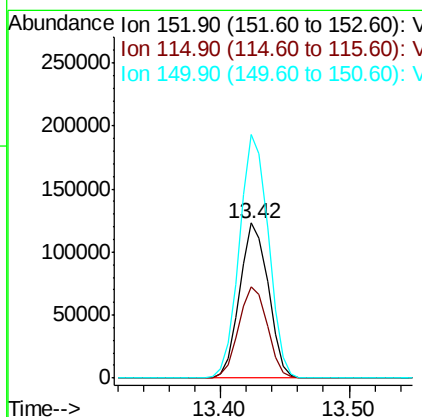
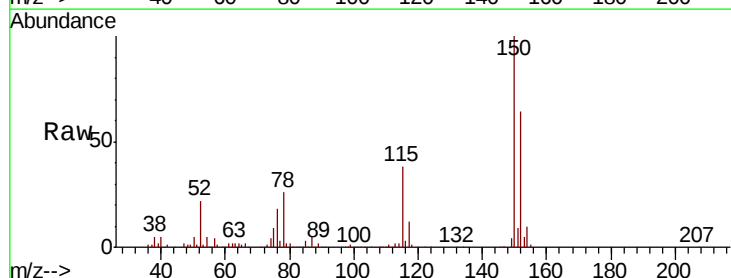
Manual Integrations
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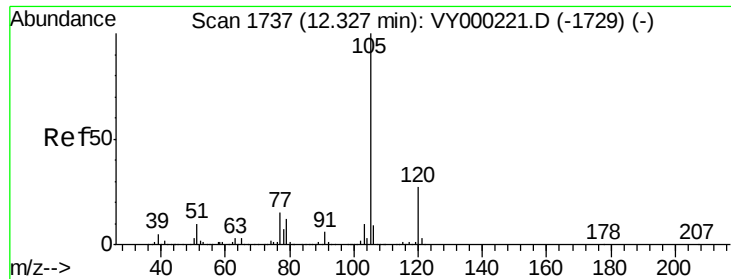
MMDadoda
10/14/2019 1:33:28 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.3	88.0
150	159.3	0.0	349.6





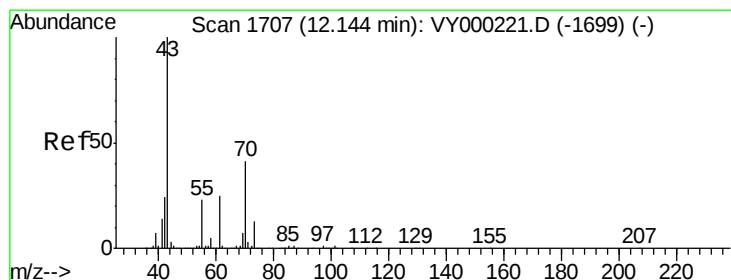
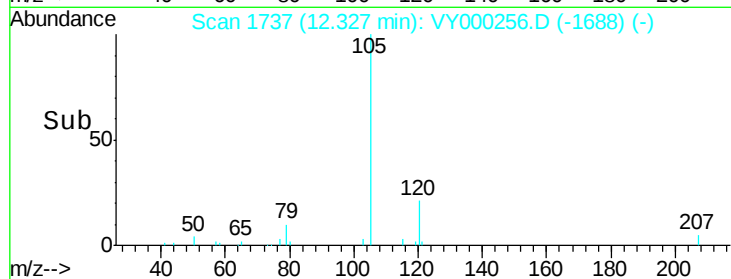
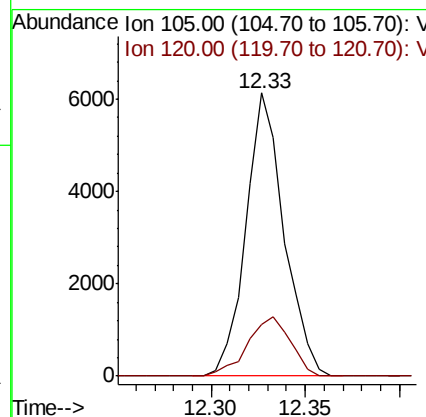
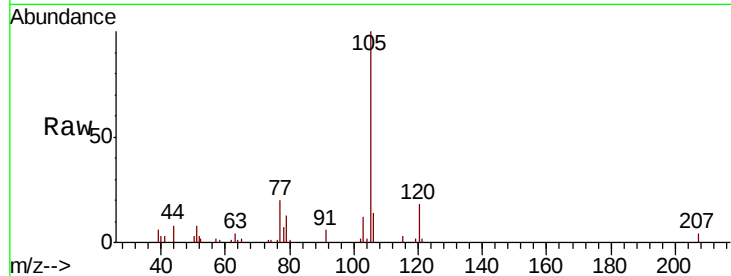
#73
Isopropylbenzene
Concen: 0.537 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
105	100		
120	23.5	13.6	40.8

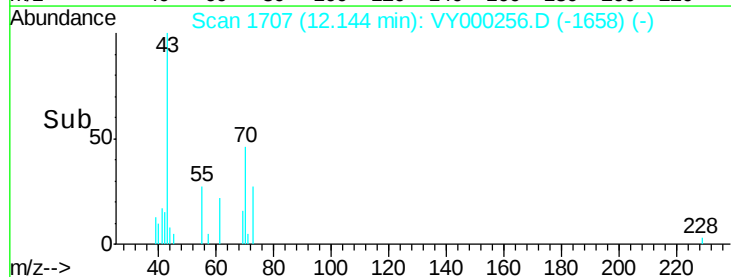
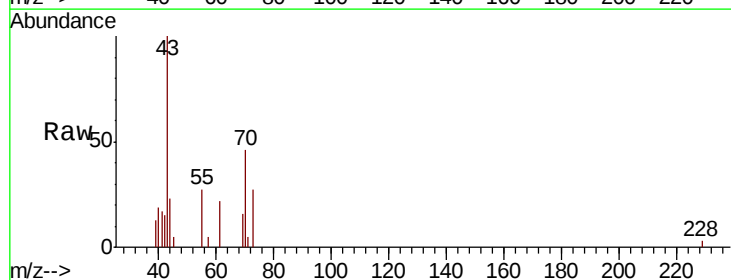
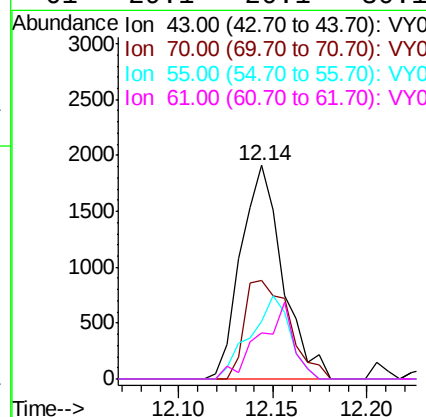
Manual Integrations
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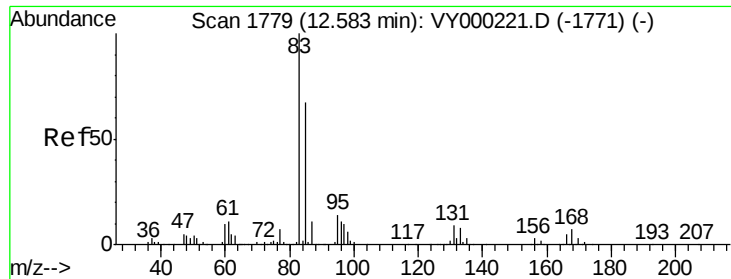
MMDadoda
10/14/2019 1:33:28 PM



#74
N-ethyl acetate
Concen: 0.387 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.5	34.9	52.3
55	36.8	18.2	27.2
61	29.1	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 0.532 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

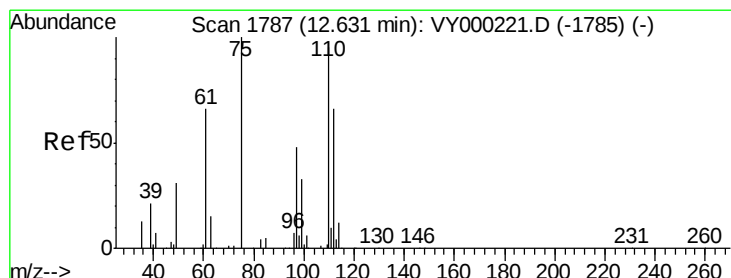
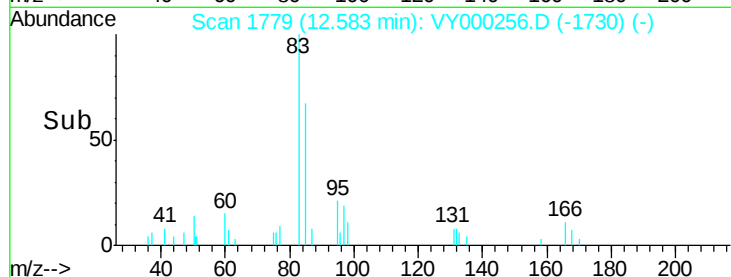
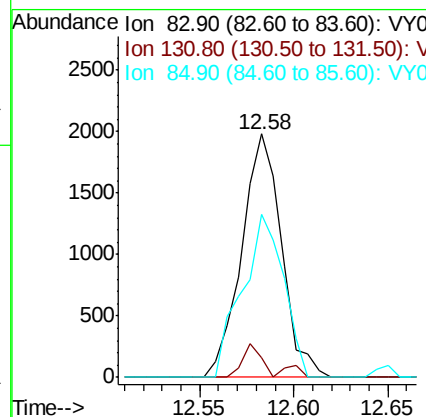
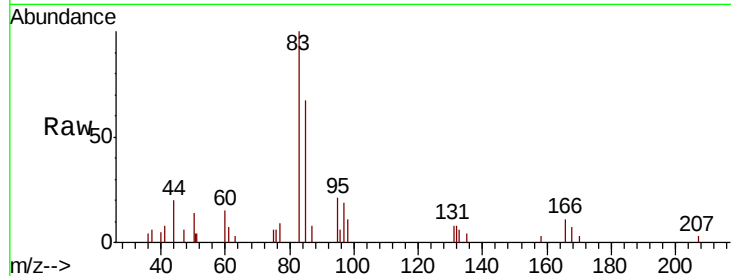
ClientSampleId :

0.5PPBMDL

Tot Ion:	83	Resp:	2905
Ion Ratio	Lower	Upper	
83	100		
131	8.6	4.8	14.3
85	69.4	32.5	97.5

Manual Integrations
APPROVED

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#76

1,2,3-Trichloropropane

Concen: 0.607 ug/l m

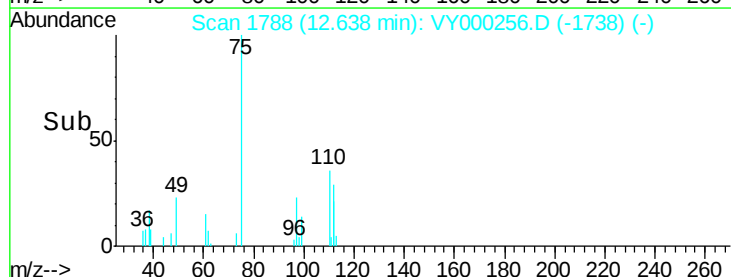
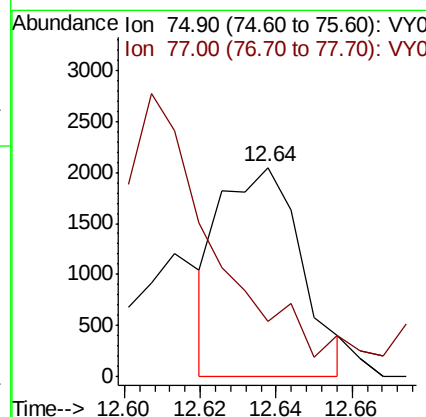
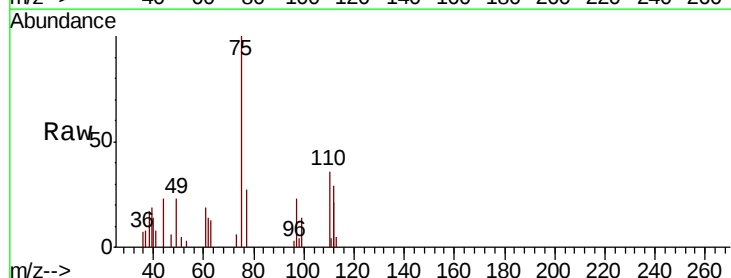
RT: 12.64 min Scan# 1788

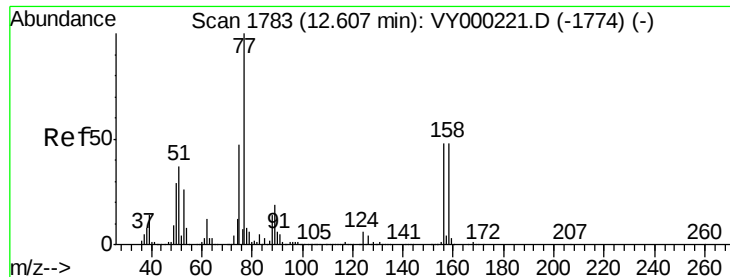
Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion:	75	Resp:	3028
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 0.587 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion:156 Resp: 2203

Ion Ratio Lower Upper

156 100

77 251.2 118.1 354.3

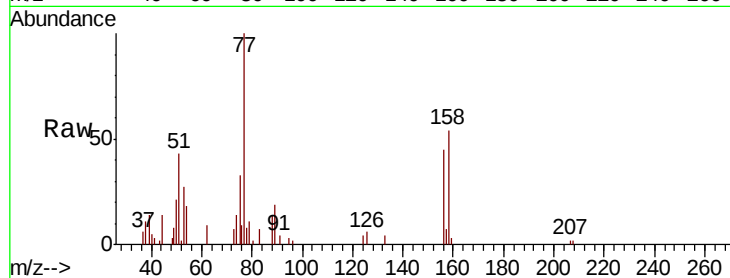
158 106.6 47.8 143.3

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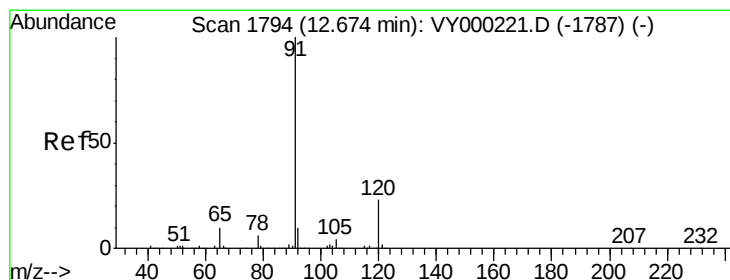
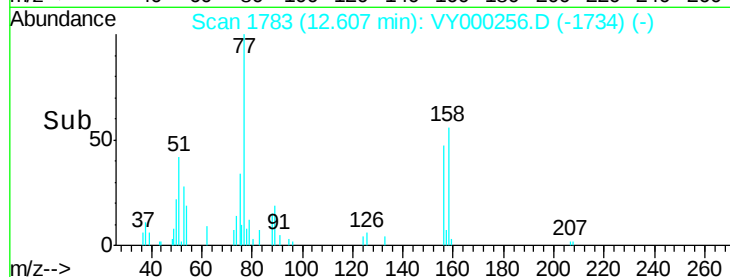
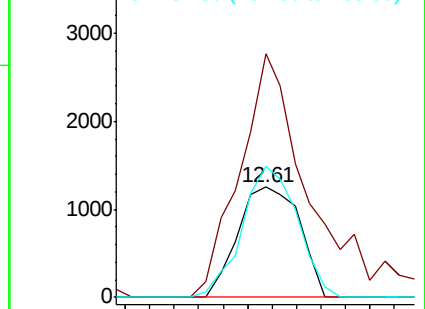
10/14/2019 1:33:28 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.542 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000256.D

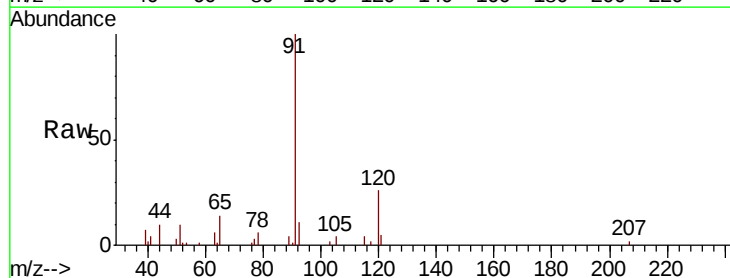
Acq: 10 Oct 2019 16:23

Tgt Ion: 91 Resp: 10139

Ion Ratio Lower Upper

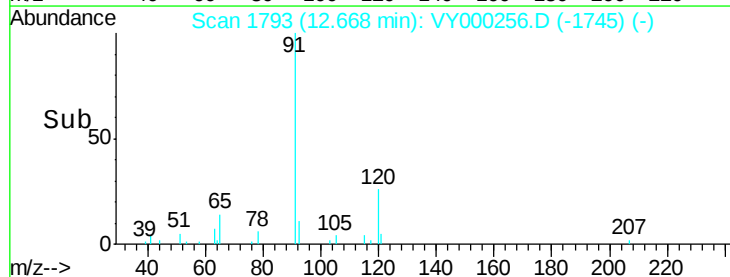
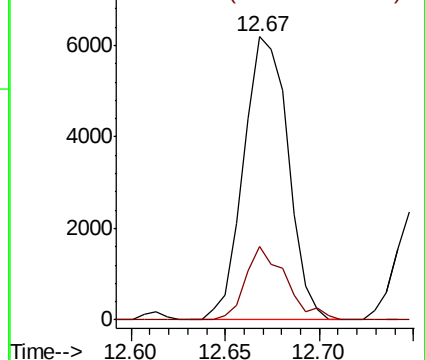
91 100

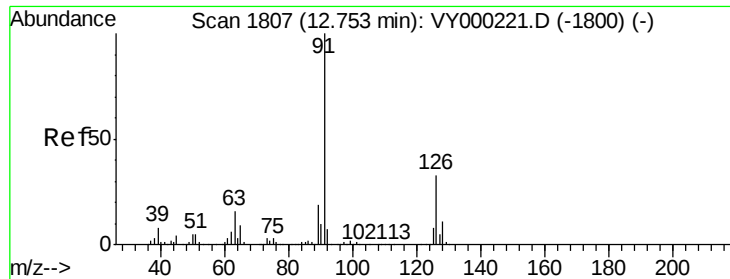
120 23.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.601 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion: 91 Resp: 6471

Ion Ratio Lower Upper

91 100

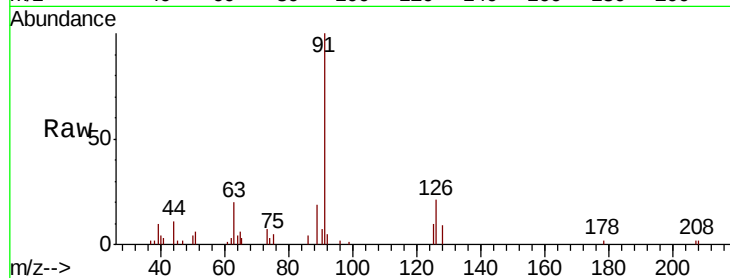
126 28.9 17.2 51.6

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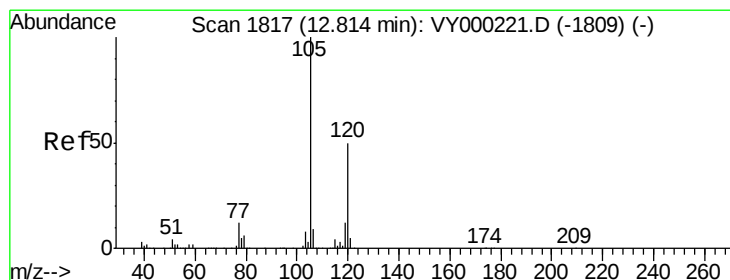
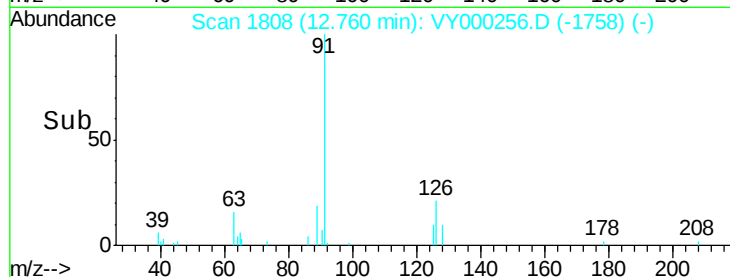
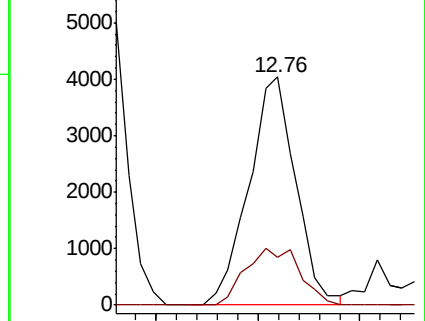
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10/14/2019 1:33:28 PM



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.571 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000256.D

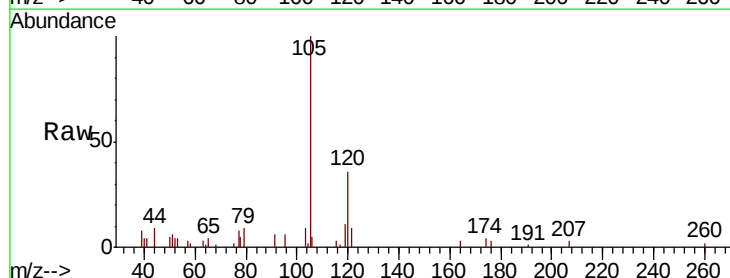
Acq: 10 Oct 2019 16:23

Tgt Ion: 105 Resp: 7634

Ion Ratio Lower Upper

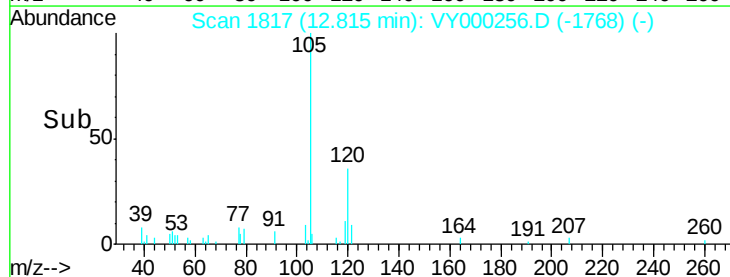
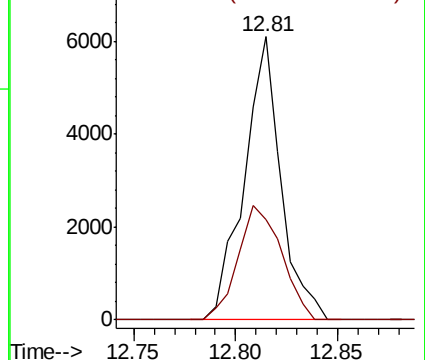
105 100

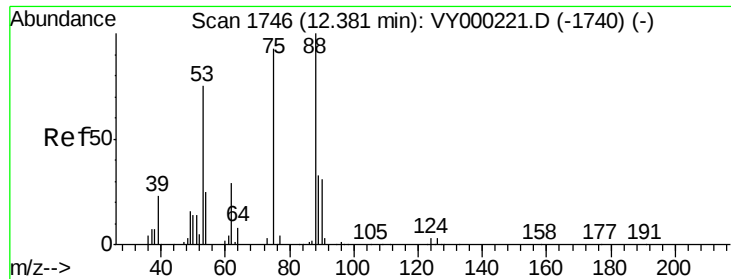
120 47.9 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.461 ug/l m

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

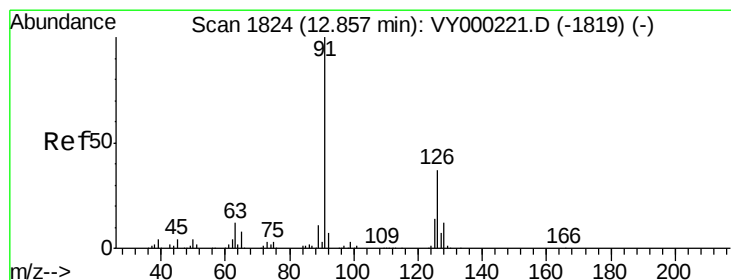
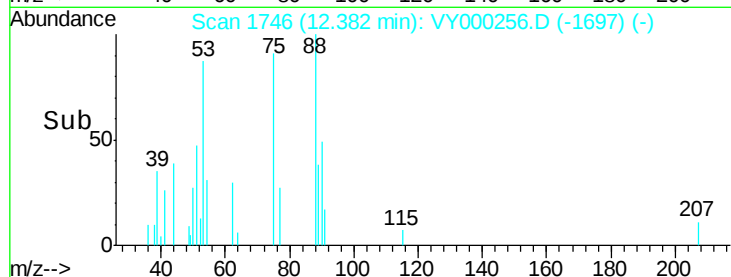
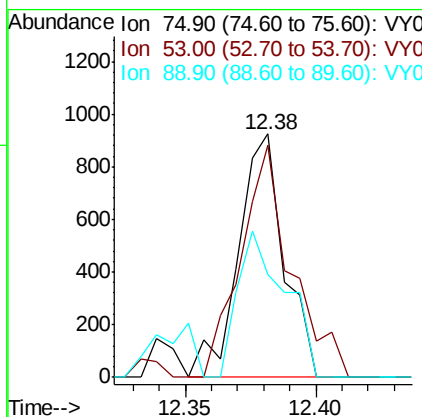
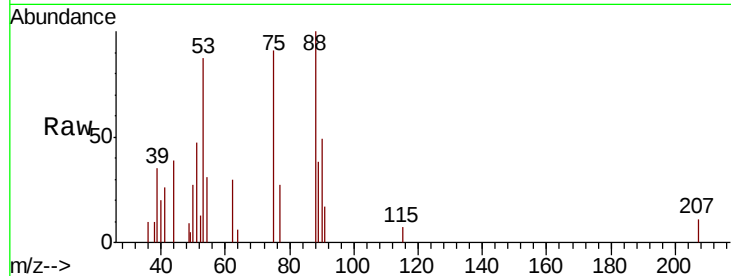
ClientSampleId :

0.5PPBMDL

Tot Ion:	75	Resp:	1115
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.5	99.7#
89	0.0	46.9	70.3#

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#82

4-Chlorotoluene

Concen: 0.608 ug/l

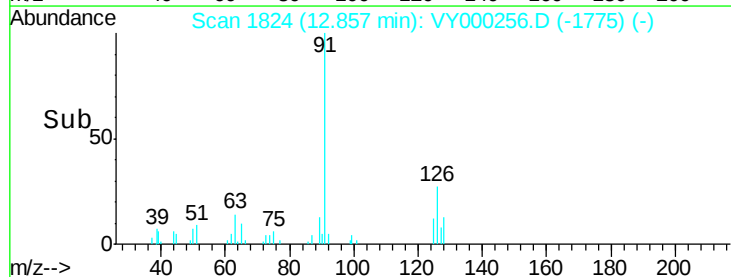
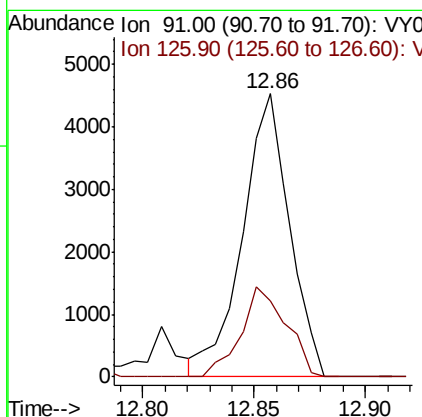
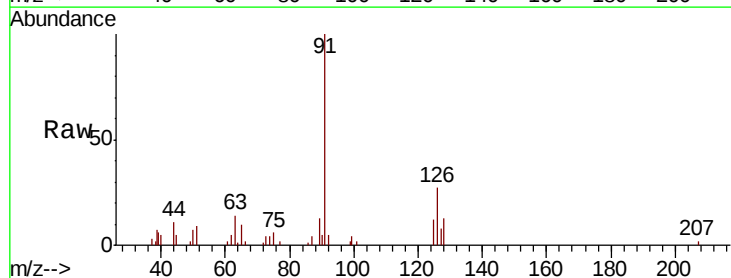
RT: 12.86 min Scan# 1824

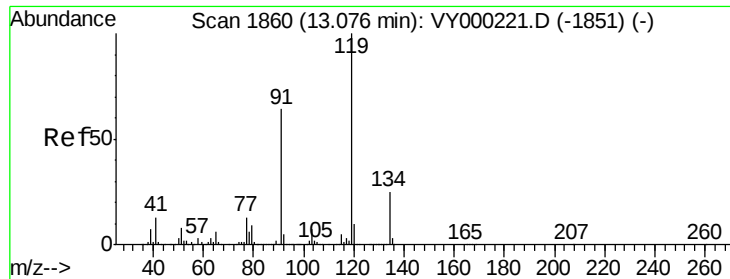
Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion:	91	Resp:	6635
Ion	Ratio	Lower	Upper
91	100		
126	30.9	17.3	52.0





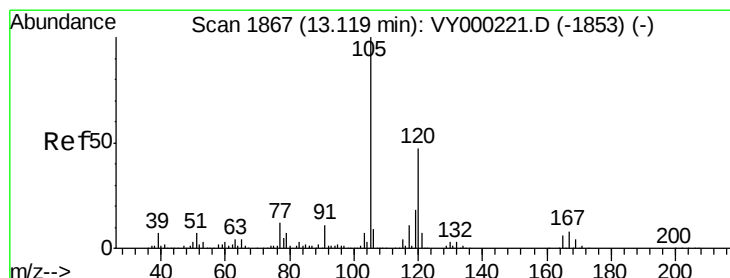
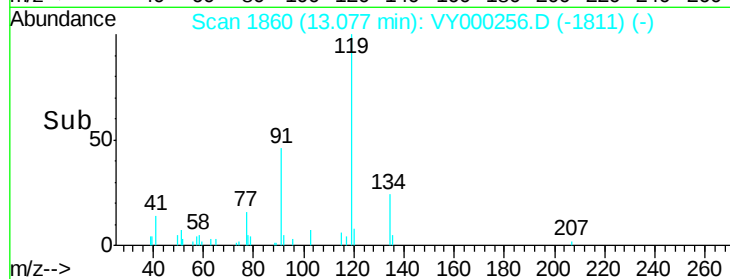
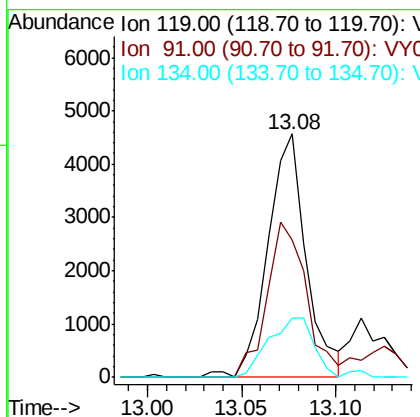
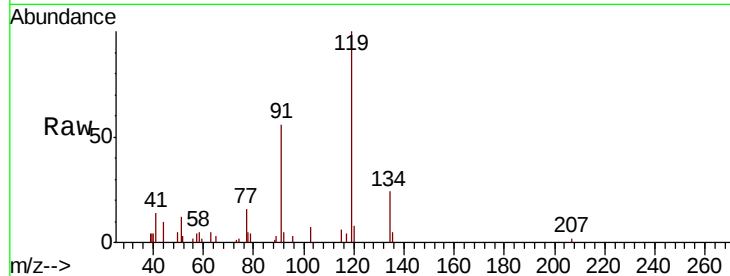
#83
tert-Butylbenzene
Concen: 0.556 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.4	97.2
134	28.4	13.2	39.6

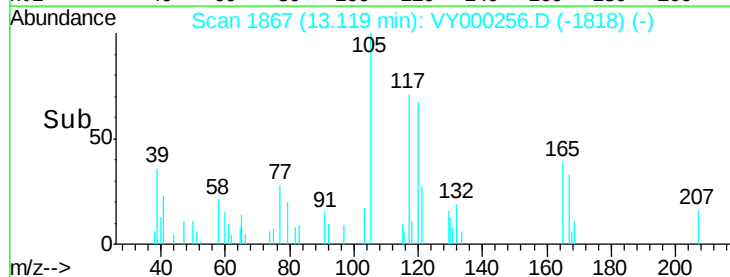
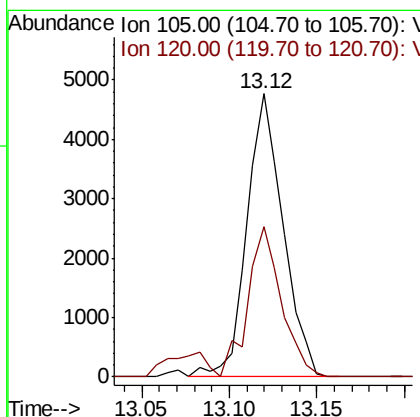
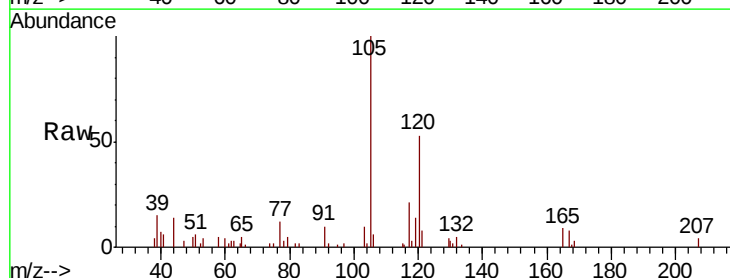
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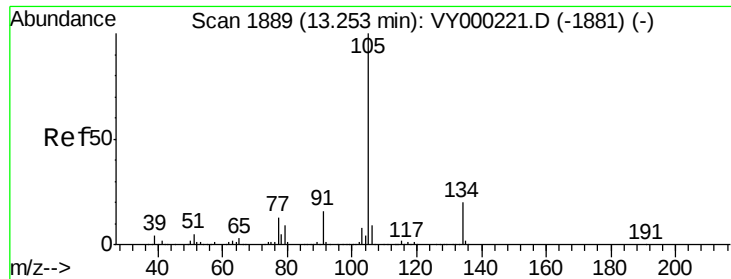
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10/14/2019 1:33:28 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.513 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.2	22.8	68.3





#85

sec-Butylbenzene

Concen: 0.517 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tot Ion:105 Resp: 8270

Ion Ratio Lower Upper

105 100

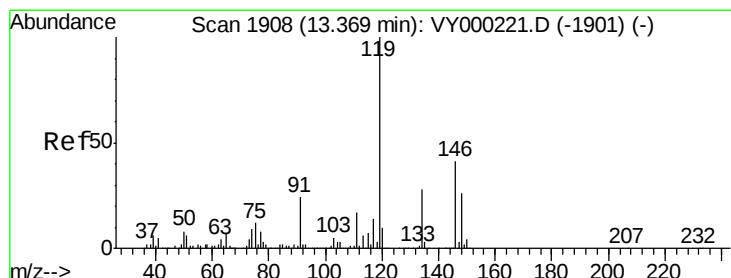
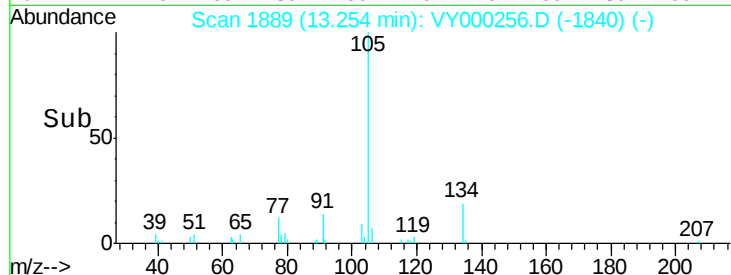
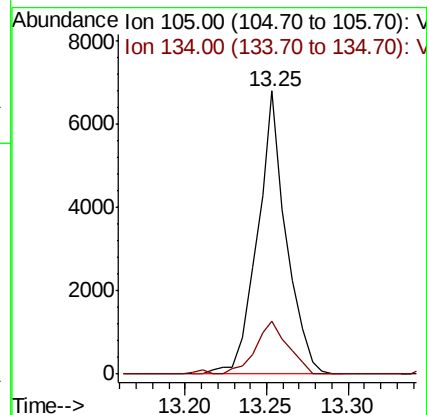
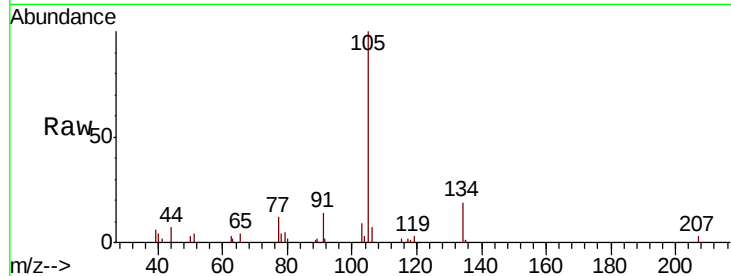
134 21.0 10.2 30.6

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10/14/2019 1:33:28 PM



#86

p-Isopropyltoluene

Concen: 0.523 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

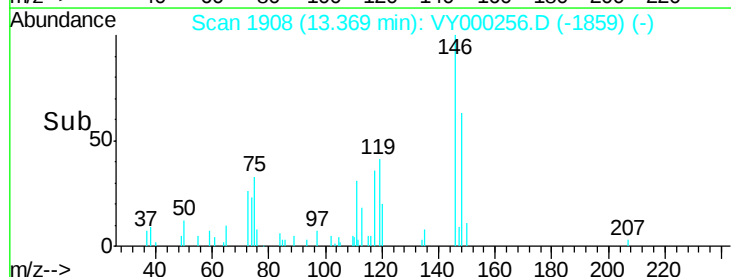
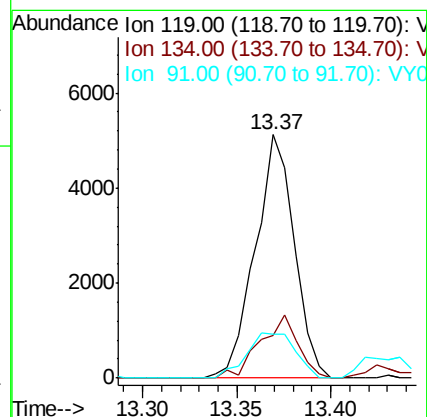
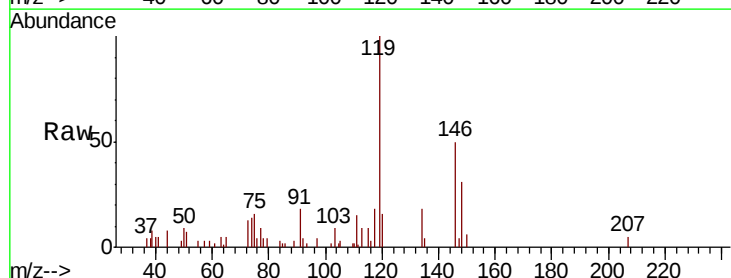
Tgt Ion:119 Resp: 7358

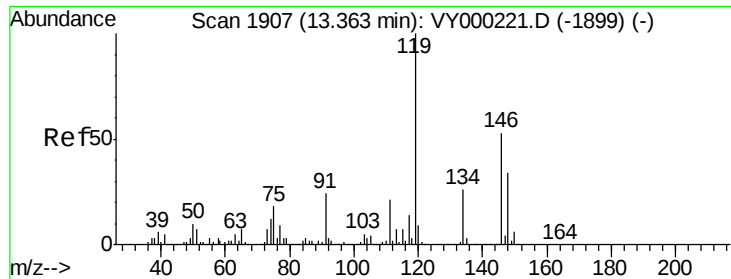
Ion Ratio Lower Upper

119 100

134 25.2 13.3 39.9

91 23.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 0.629 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

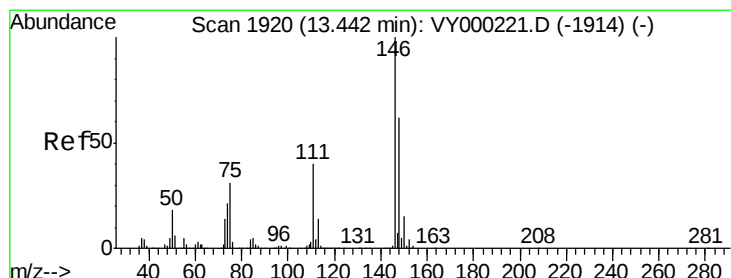
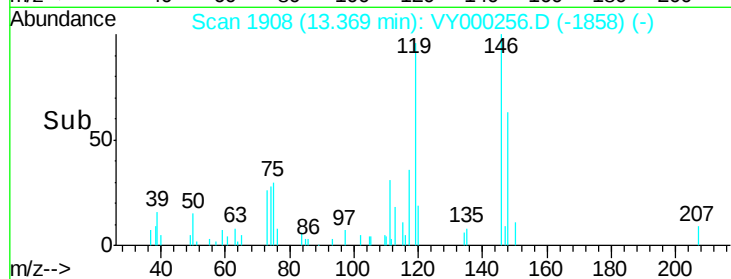
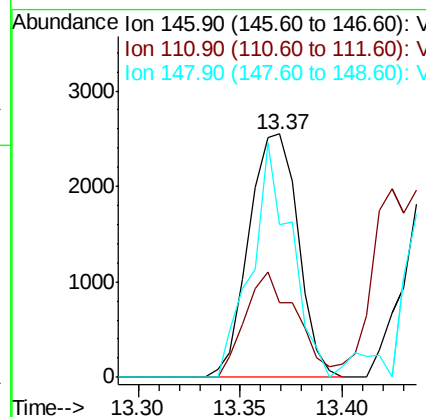
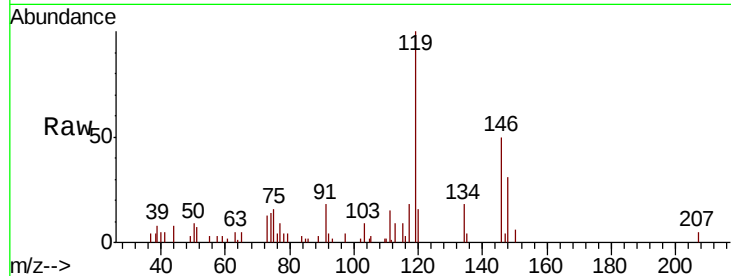
Instrument :
MSVOA_Y

ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.3	60.8
148	77.7	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 0.652 ug/l m

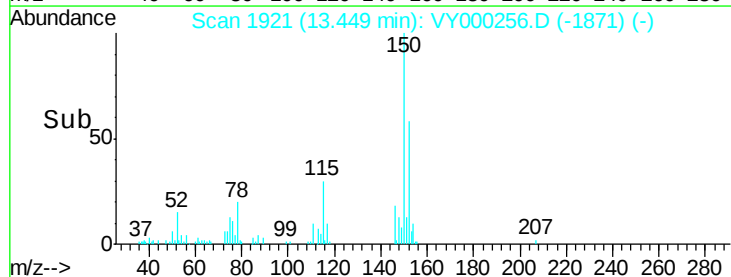
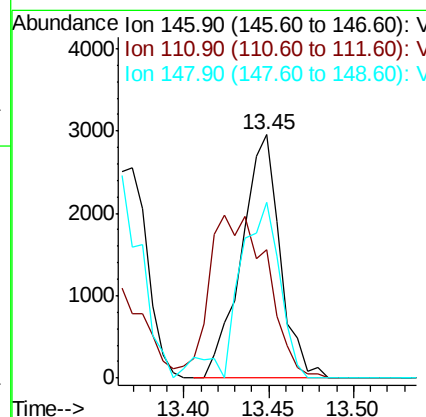
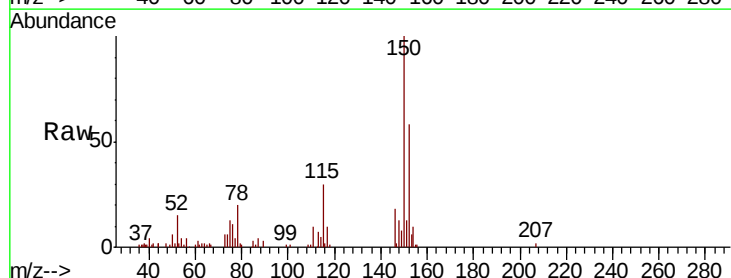
RT: 13.45 min Scan# 1921

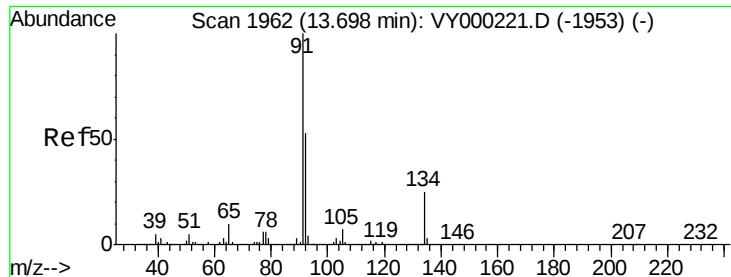
Delta R.T. 0.01 min

Lab File: VY000256.D

Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.8	59.3
148	71.9	31.6	94.8





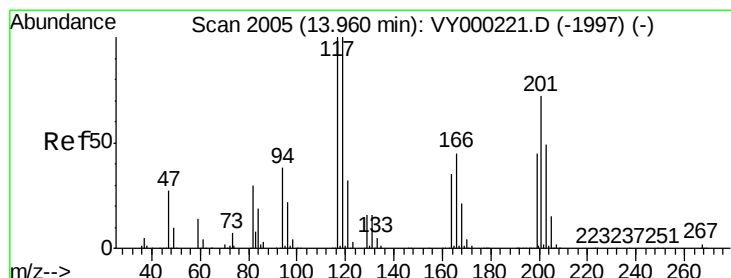
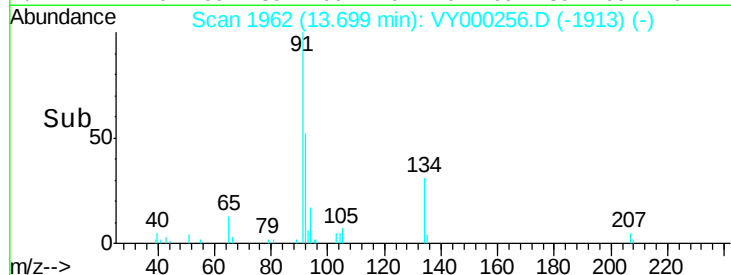
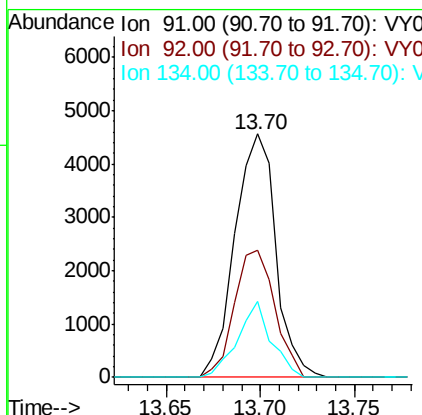
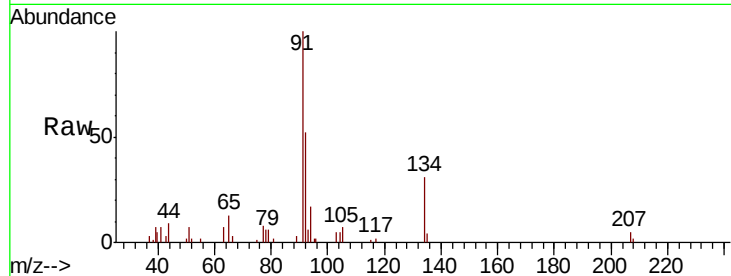
#89
n-Butylbenzene
Concen: 0.516 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	27.0	80.8
134	25.6	12.8	38.4

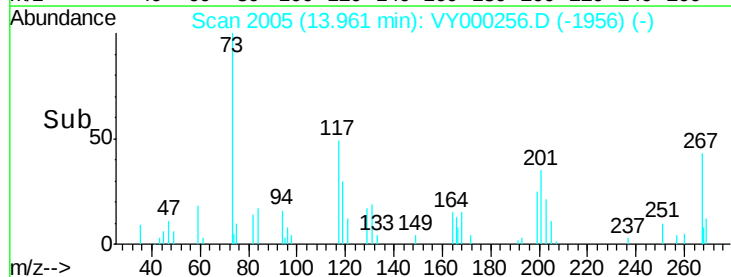
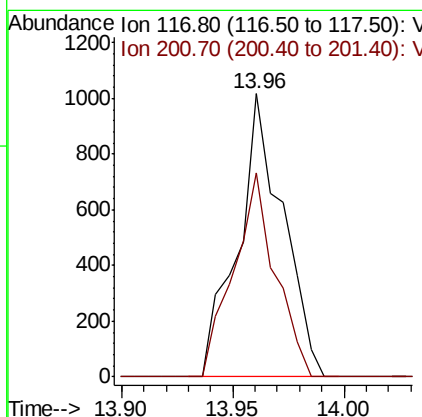
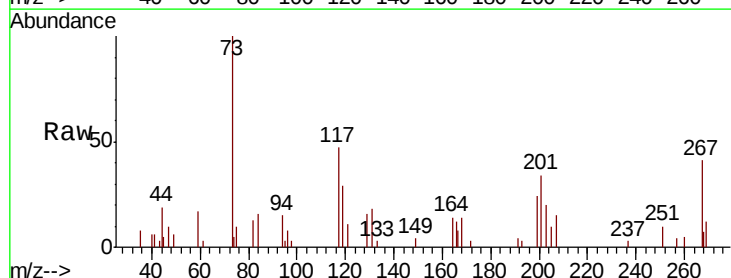
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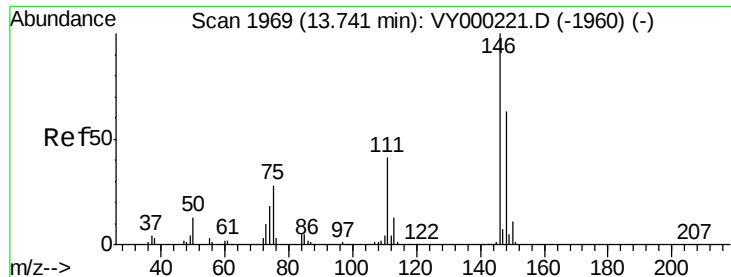
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10/14/2019 1:33:28 PM



#90
Hexachloroethane
Concen: 0.537 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.6	35.5	106.5





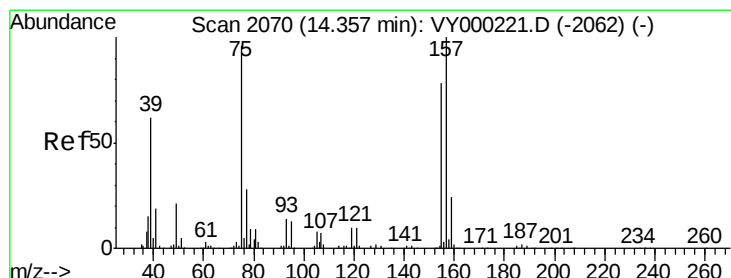
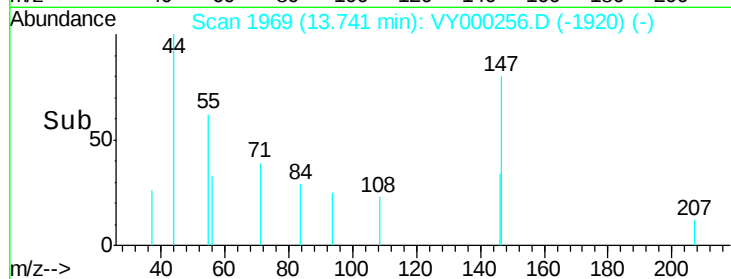
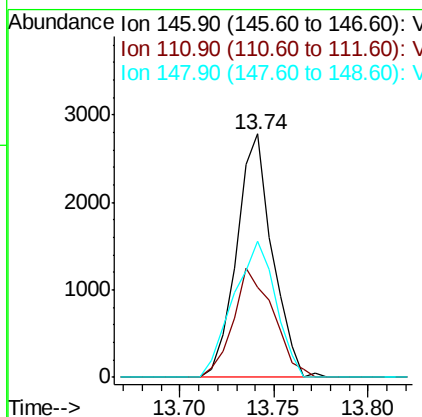
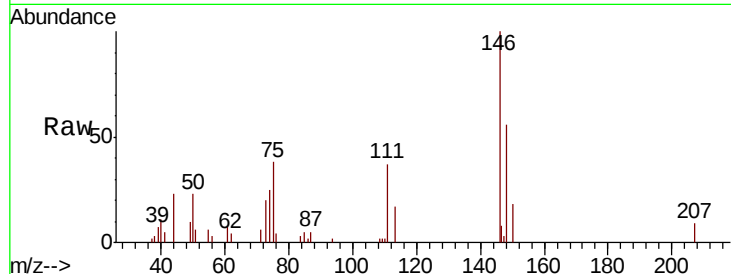
#91
 1,2-Dichlorobenzene
 Concen: 0.531 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.5	20.9	62.8
148	66.2	31.6	95.0

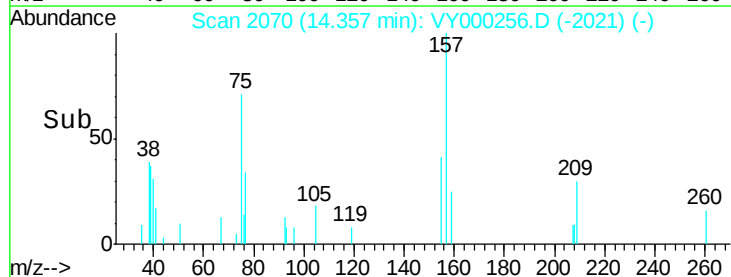
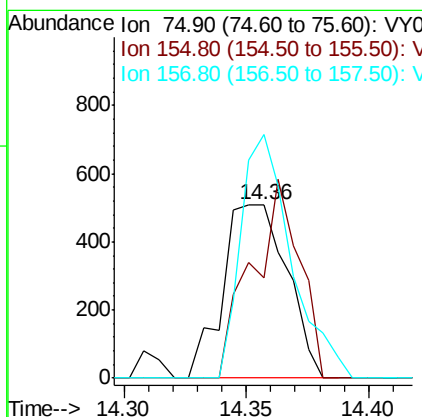
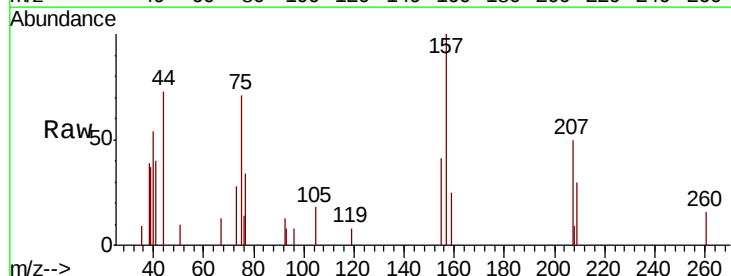
Manual Integrations
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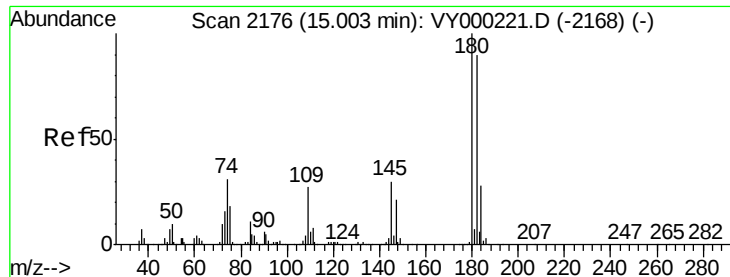
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.544 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	42.4	127.3
157	110.7	53.8	161.5





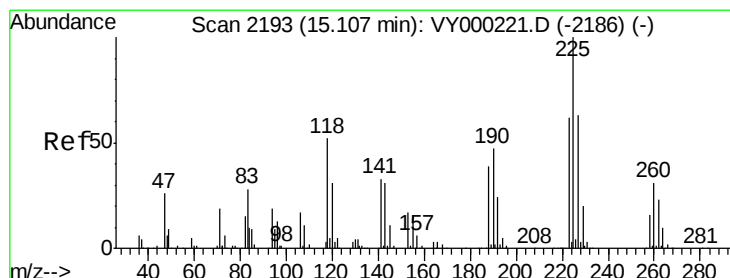
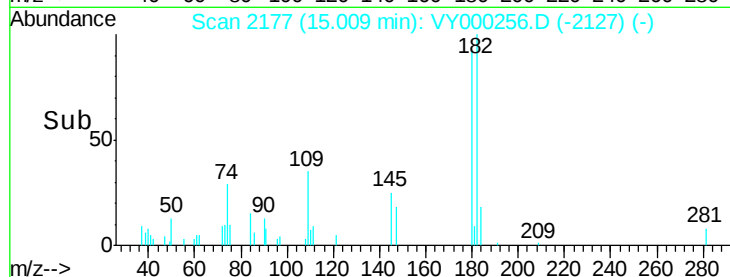
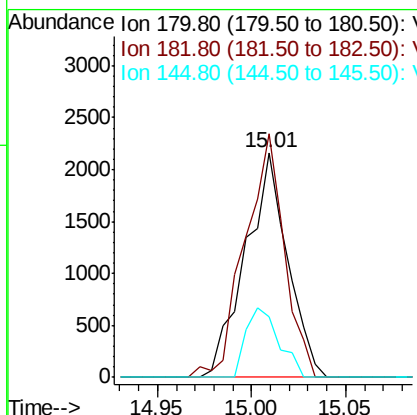
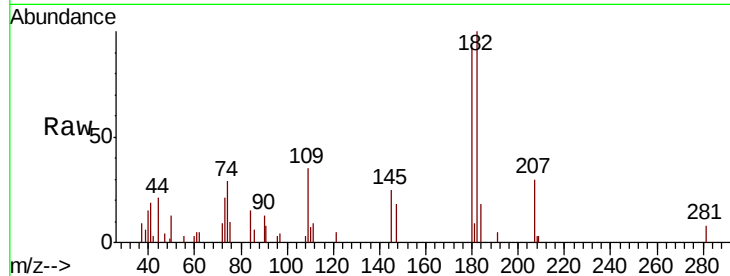
#93
 1,2,4-Trichlorobenzene
 Concen: 0.717 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.3	47.2	141.6
145	24.4	15.3	45.8

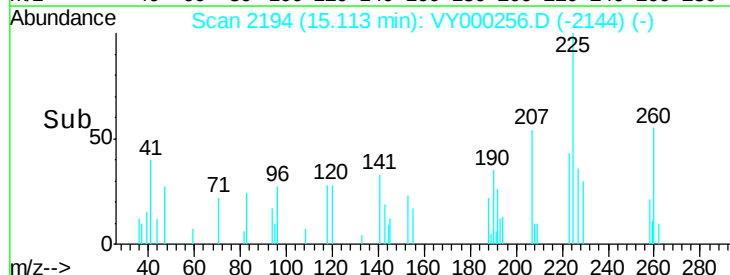
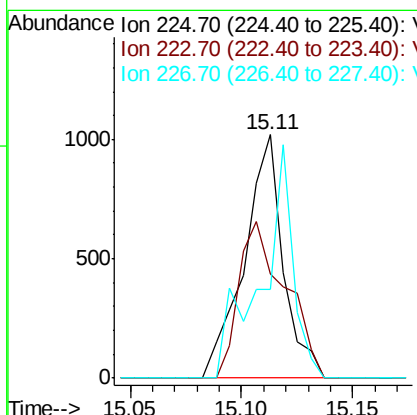
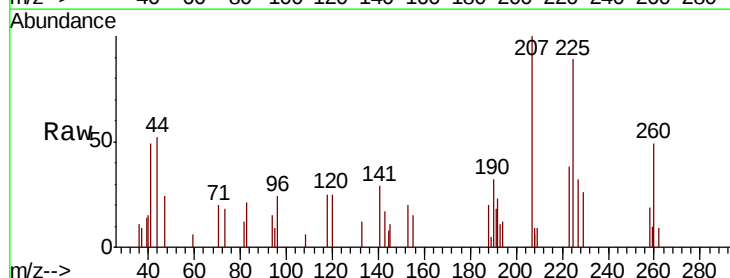
Manual Integrations
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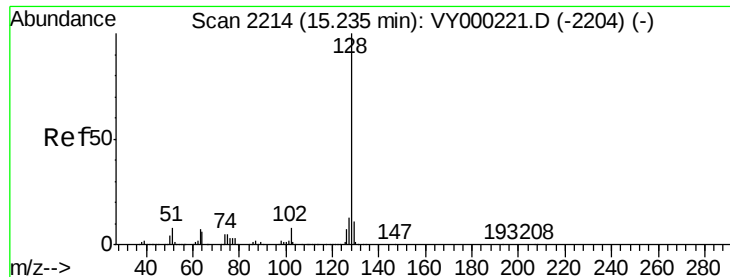
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#94
 Hexachlorobutadiene
 Concen: 0.559 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000256.D
 Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	76.5	31.9	95.5
227	78.7	31.5	94.5





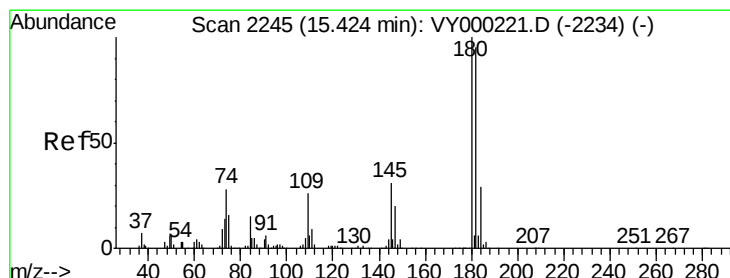
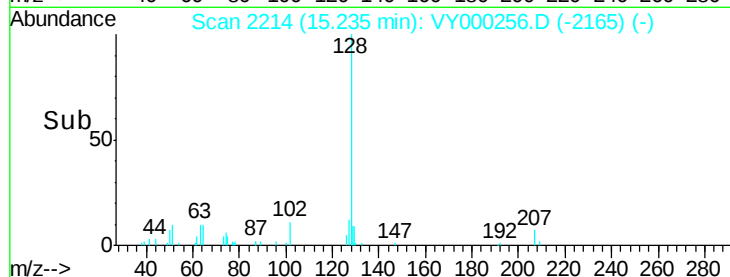
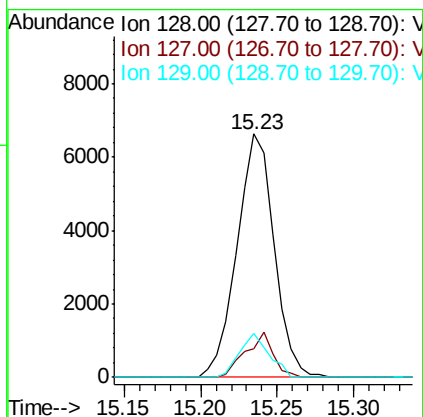
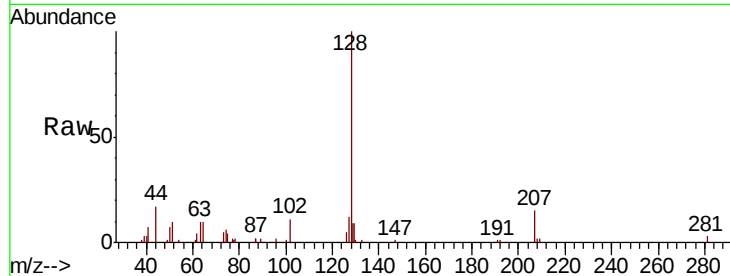
#95
Naphthalene
Concen: 0.635 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	14.2	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.711 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000256.D
Acq: 10 Oct 2019 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	79.8	47.9	143.7
145	42.7	16.3	48.9

